

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009777.D
 Acq On : 06 Apr 2019 17:18
 Operator : SY/VA
 Sample : K2327-01
 Misc : 6.02G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2R7

Quant Time: Apr 07 04:01:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.79	114	49	25.00	ug/L	-0.05
28) Chlorobenzene-d5	11.63	117	726	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	482	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	60	93.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	374.28%#
7) Chloroethane-d5	2.71	69	247	420.47	ug/L	-0.18
Spiked Amount	25.000	Range	30 - 150	Recovery	=	1681.88%#
10) 1,1-Dichloroethene-d2	4.03	63	108	78.32	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	313.28%#
20) 2-Butanone-d5	7.08	46	70	336.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	672.48%#
24) Chloroform-d	7.65	84	211	157.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	631.24%#
26) 1,2-Dichloroethane-d4	8.31	65	125	152.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	609.12%#
29) Benzene-d6	8.29	84	87	2.28	ug/L	0.02
Spiked Amount	25.000	Range	20 - 135	Recovery	=	9.12%#
33) 1,2-Dichloropropane-d6	9.29	67	46	3.91	ug/L	0.02
Spiked Amount	25.000	Range	70 - 120	Recovery	=	15.64%#
37) Toluene-d8	10.33	98	373	10.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	42.36%
38) trans-1,3-Dichloropropene-	10.57	79	22	3.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	15.68%#
39) 2-Hexanone-d5	10.92	63	477	214.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	429.98%#
48) 1,1,2,2-Tetrachloroethane-	12.68	84	199	18.18	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	398	23.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.25	85	20	30.985	ug/L #	49
3) Chloromethane	2.20	50	384	575.668	ug/L	91
5) Vinyl chloride	2.46	62	72	84.149	ug/L	88
6) Bromomethane	2.78	94	51	86.140	ug/L	22
8) Chloroethane	2.78	64	83	147.798	ug/L	86
9) Trichlorofluoromethane	3.53	101	57	108.596	ug/L	84
12) 1,1-Dichloroethene	4.04	96	55	84.509	ug/L #	60
13) Acetone	4.12	43	70613	316560.494	ug/L	97
14) Carbon disulfide	4.38	76	69	34.109	ug/L #	75
15) Methyl Acetate	4.67	43	177	435.189	ug/L #	54
16) Methylene chloride	4.92	84	1990	2302.771	ug/L	80
17) Methyl tert-butyl Ether	5.52	73	104	116.000	ug/L #	1
18) trans-1,2-Dichloroethene	5.40	96	202	298.441	ug/L #	48
21) 2-Butanone	7.17	43	219	771.955	ug/L #	1
22) cis-1,2-Dichloroethene	7.16	96	20267	27996.867	ug/L	99
25) Chloroform	7.67	83	4122	3029.586	ug/L	78
27) 1,2-Dichloroethane	8.40	62	98	95.232	ug/L #	76

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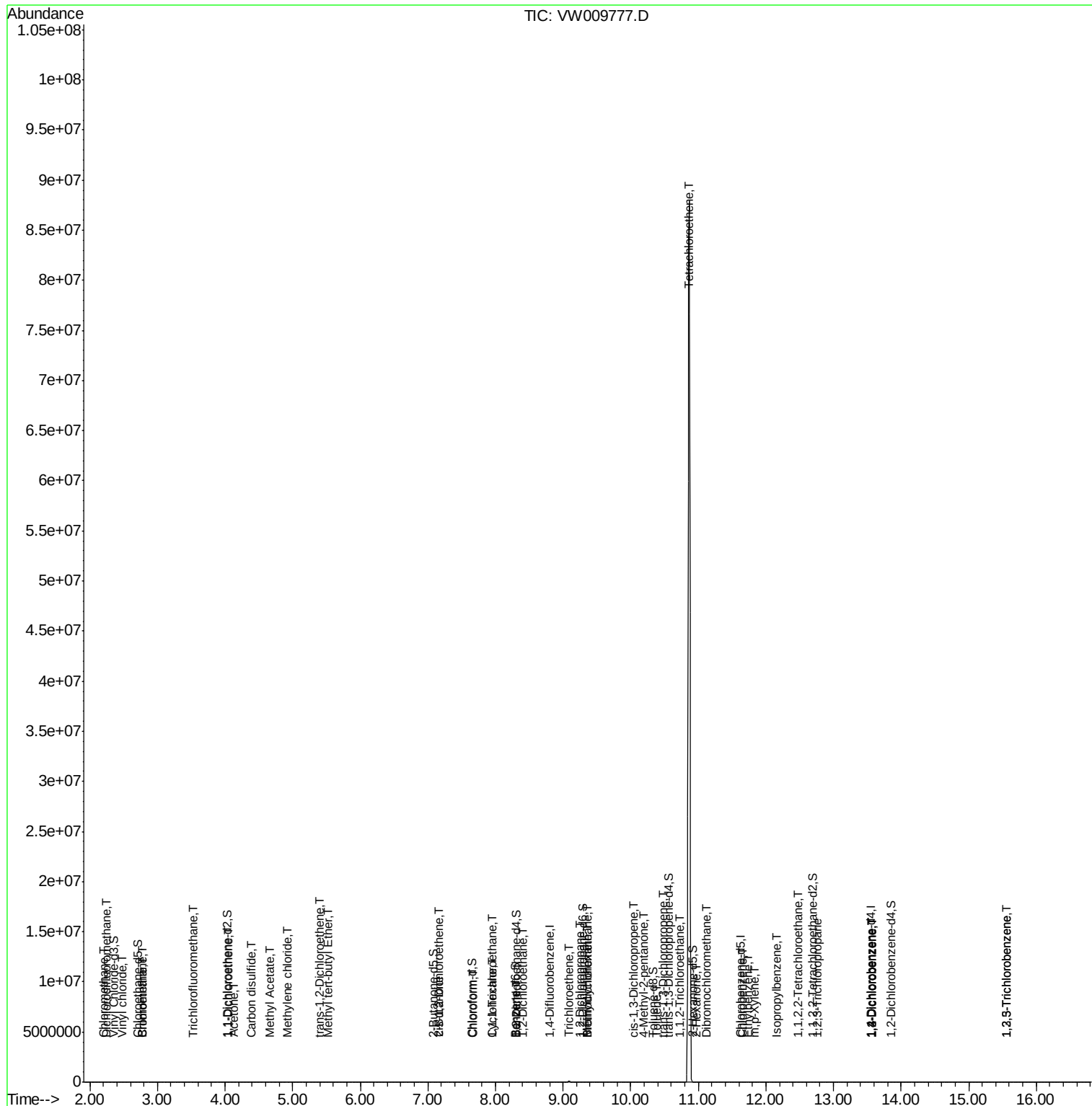
Quant Time: Apr 07 04:01:13 2019
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 QLast Update : Sun Apr 07 03:56:20 2019
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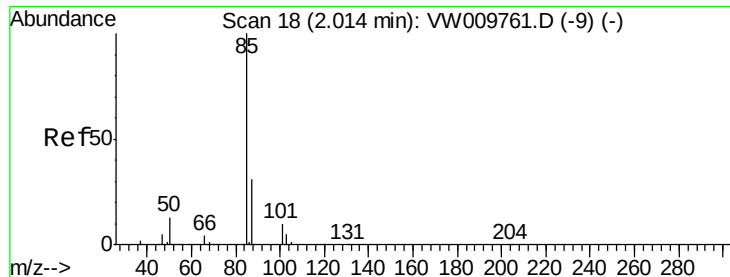
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

30) Cyclohexane	7.95	56	73	4.260	ug/L #	17
31) 1,1,1-Trichloroethane	7.96	97	44	2.672	ug/L #	1
34) Benzene	8.32	78	77	1.763	ug/L	100
35) Trichloroethene	9.09	95	26831	2347.173	ug/L	99
36) Methylcyclohexane	9.35	83	40	2.128	ug/L #	1
40) 1,2-Dichloropropane	9.25	63	43	3.846	ug/L #	85
41) Bromodichloromethane	9.35	83	40	2.593	ug/L #	25
42) cis-1,3-Dichloropropene	10.04	75	52	3.002	ug/L #	45
43) 4-Methyl-2-pentanone	10.19	43	170	19.573	ug/L #	47
44) Toluene	10.38	91	2009	43.417	ug/L #	76
45) trans-1,3-Dichloropropene	10.48	75	57	3.817	ug/L #	1
46) 1,1,2-Trichloroethane	10.73	97	68	8.102	ug/L #	17
47) Tetrachloroethene	10.86	164	16535017	1836586.512	ug/L	87
49) 2-Hexanone	10.98	43	161	24.895	ug/L #	85
50) Dibromochloromethane	11.12	129	371	35.981	ug/L #	12
52) Chlorobenzene	11.66	112	898	30.150	ug/L #	85
53) Ethylbenzene	11.74	91	113	2.144	ug/L #	44
54) m,p-Xylene	11.83	106	72	3.693	ug/L	100
57) Isopropylbenzene	12.16	105	44	0.865	ug/L #	54
58) 1,1,2,2-Tetrachloroethane	12.48	83	52	4.608	ug/L #	25
59) 1,2,3-Trichloropropane	12.75	75	74	8.809	ug/L #	1
63) 1,3-Dichlorobenzene	13.57	146	79	2.650	ug/L #	65
64) 1,4-Dichlorobenzene	13.57	146	79	2.485	ug/L #	65
65) 1,2-Dichlorobenzene	13.57	146	79	2.769	ug/L #	64
67) 1,3,5-Trichlorobenzene	15.57	180	44	1.989	ug/L #	19
70) 1,2,3-Trichlorobenzene	15.57	180	44	2.647	ug/L #	13

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 30.985 ug/L

RT: 2.25 min Scan# 56

Delta R.T. 0.23 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampled :

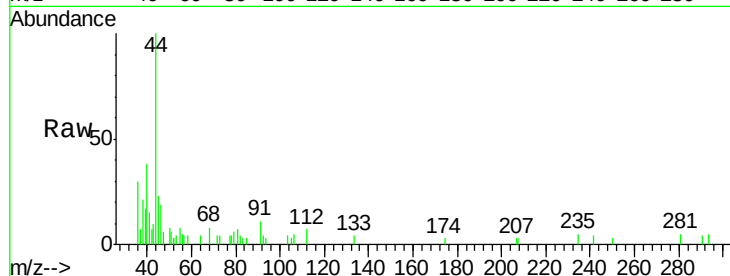
BF2R7

Tot Ion: 85 Resp: 20

Ion Ratio Lower Upper

85 100

87 0.0 18.1 33.5#

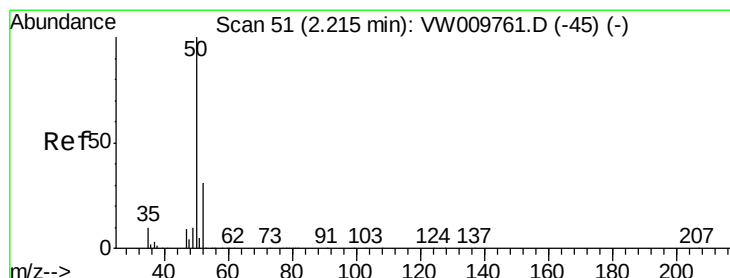
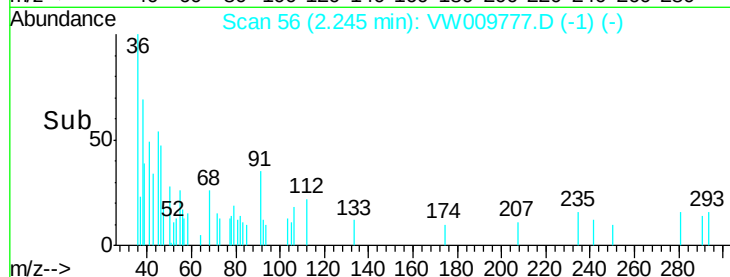


Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW

2.25

Time-->



#3

Chloromethane

Concen: 575.668 ug/L

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW009777.D

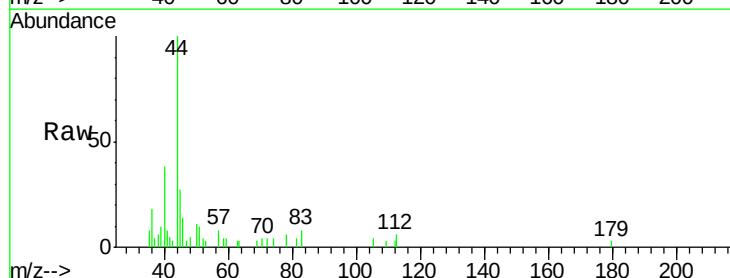
Acq: 06 Apr 2019 17:18

Tgt Ion: 50 Resp: 384

Ion Ratio Lower Upper

50 100

52 36.6 22.3 41.3

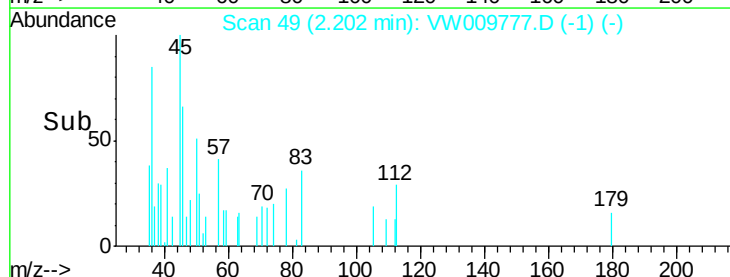


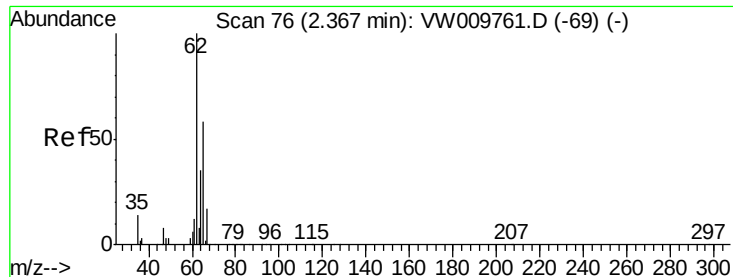
Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW

2.20

Time-->





#5

Vinyl chloride

Concen: 84.149 ug/L

RT: 2.46 min Scan# 92

Delta R.T. 0.10 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampled :

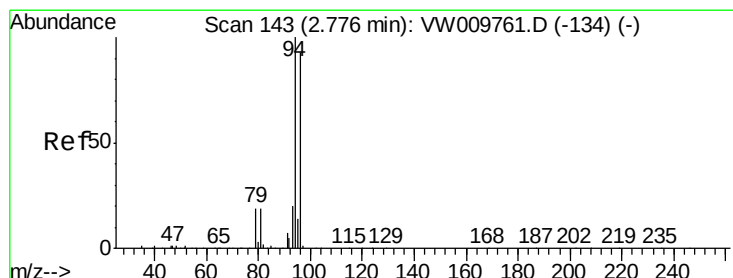
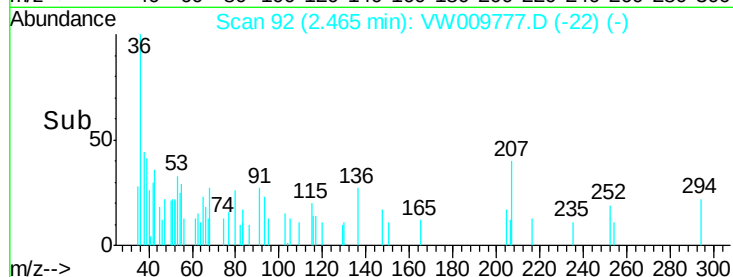
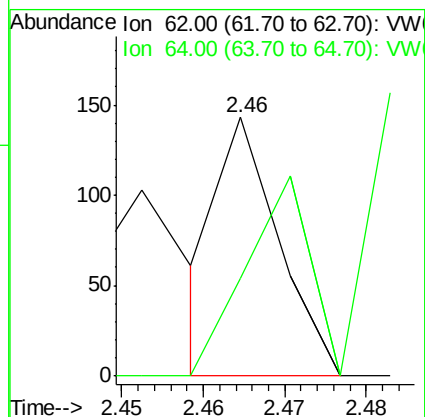
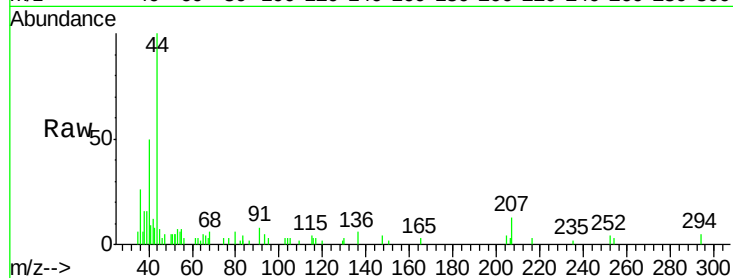
BF2R7

Tot Ion: 62 Resp: 72

Ion Ratio Lower Upper

62 100

64 37.8 21.8 40.6



#6

Bromomethane

Concen: 86.140 ug/L

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW009777.D

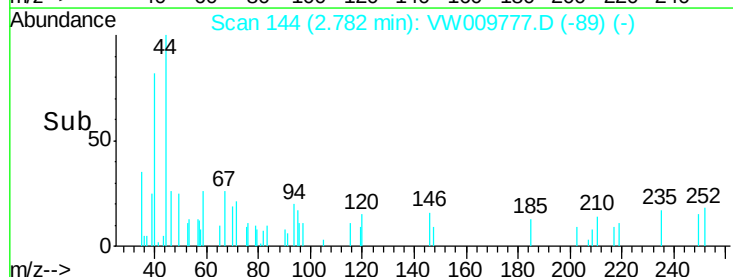
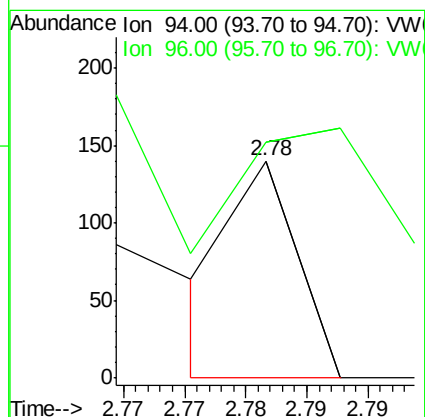
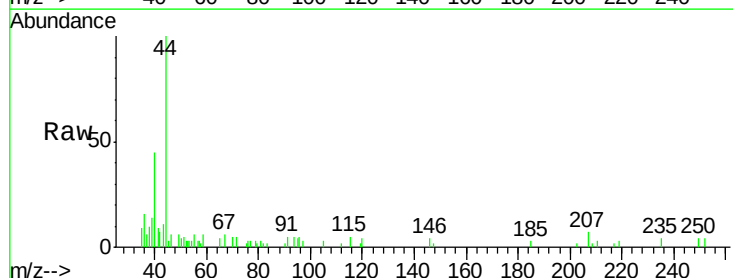
Acq: 06 Apr 2019 17:18

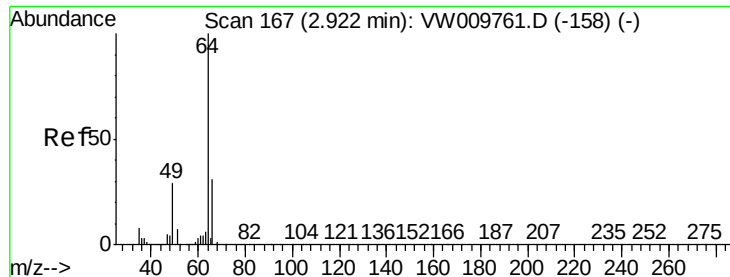
Tgt Ion: 94 Resp: 51

Ion Ratio Lower Upper

94 100

96 168.6 9.3 177.3





#8

Chloroethane

Concen: 147.798 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.15 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

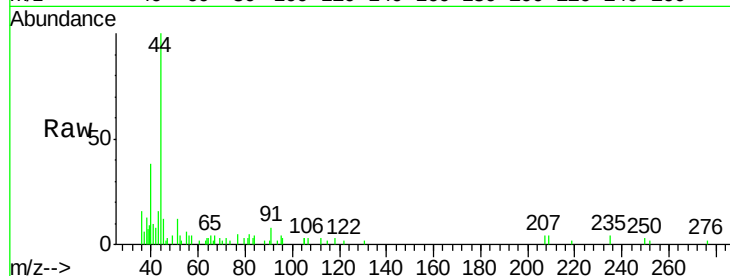
BF2R7

Tot Ion: 64 Resp: 83

Ion Ratio Lower Upper

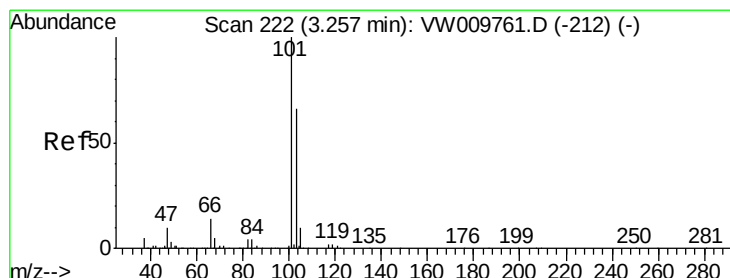
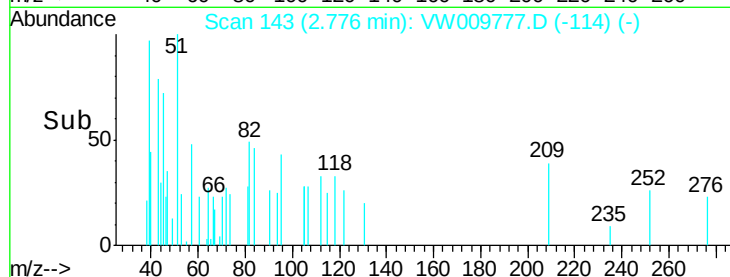
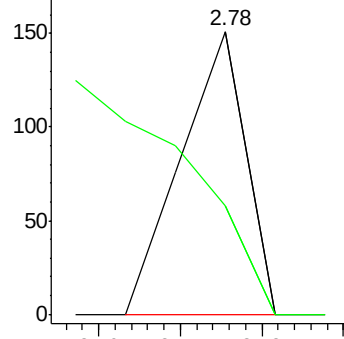
64 100

66 38.4 21.6 40.2



Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW



#9

Trichlorofluoromethane

Concen: 108.596 ug/L

RT: 3.53 min Scan# 267

Delta R.T. 0.28 min

Lab File: VW009777.D

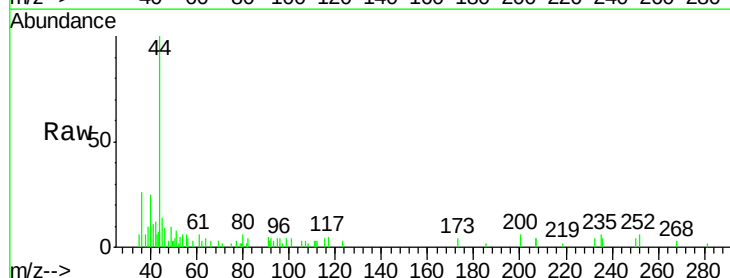
Acq: 06 Apr 2019 17:18

Tgt Ion: 101 Resp: 57

Ion Ratio Lower Upper

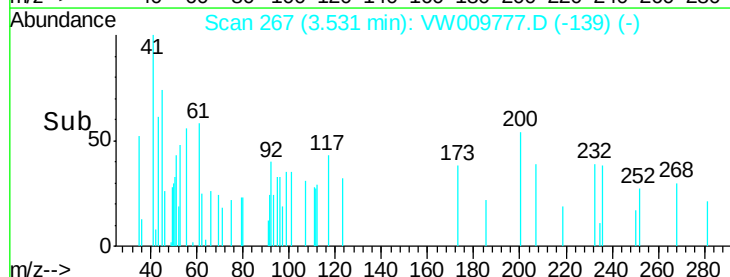
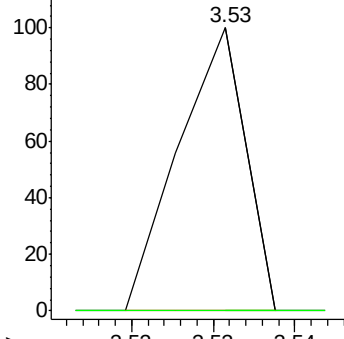
101 100

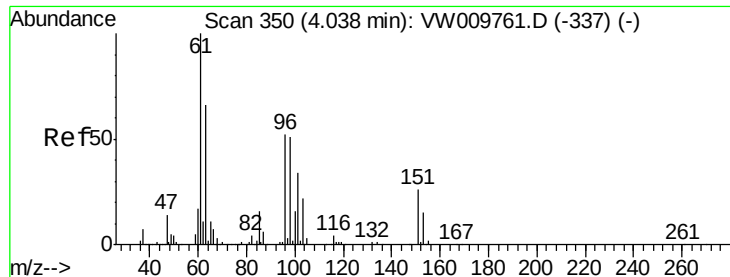
103 77.2 45.1 83.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

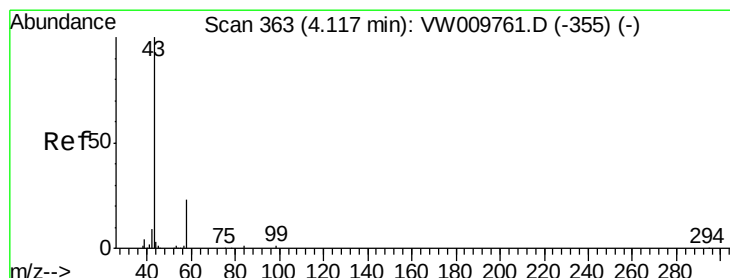
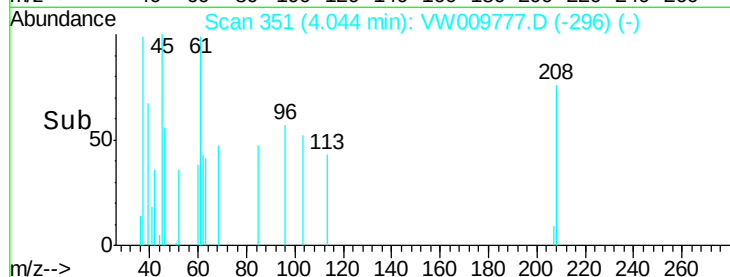
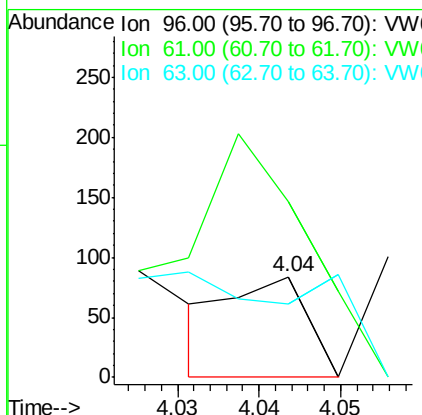
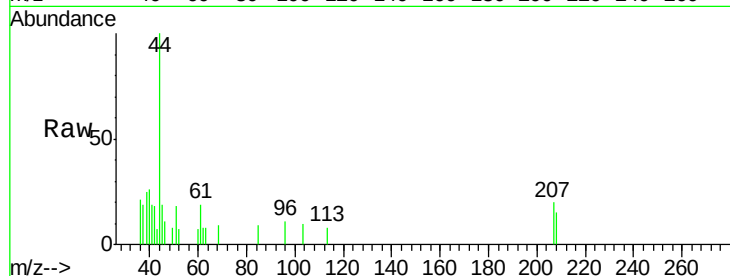




#12
 1,1-Dichloroethene
 Concen: 84.509 ug/L
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

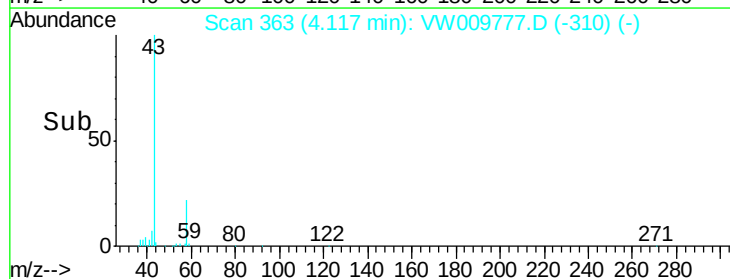
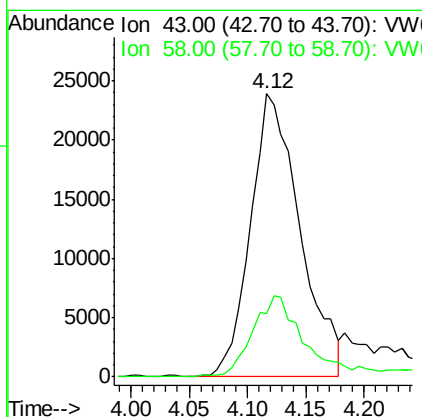
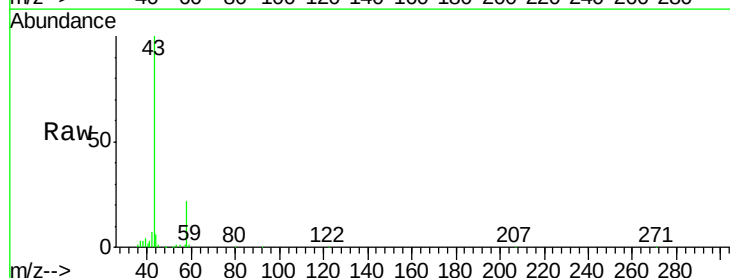
Instrument :
 MSVOA_W
 ClientSampleId :
 BF2R7

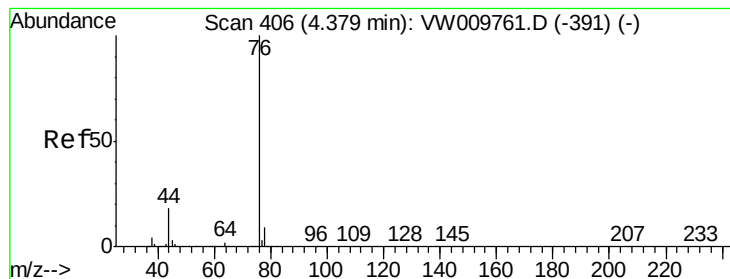
Tot Ion: 96 Resp: 55
 Ion Ratio Lower Upper
 96 100
 61 173.8 138.8 257.8
 63 72.6 114.6 212.8#



#13
 Acetone
 Concen: 316560.494 ug/L
 RT: 4.12 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

Tgt Ion: 43 Resp: 70613
 Ion Ratio Lower Upper
 43 100
 58 28.3 0.0 53.0





#14

Carbon disulfide

Concen: 34.109 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

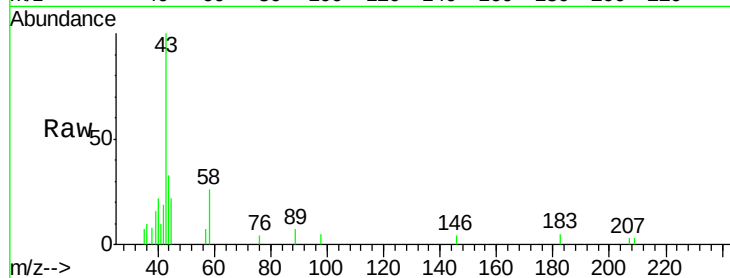
BF2R7

Tot Ion: 76 Resp: 69

Ion Ratio Lower Upper

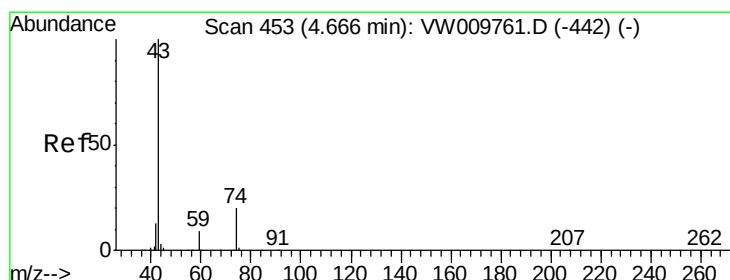
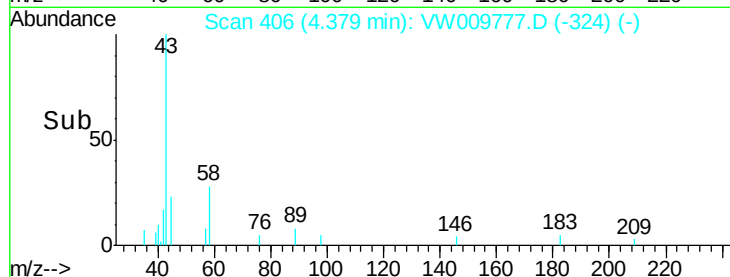
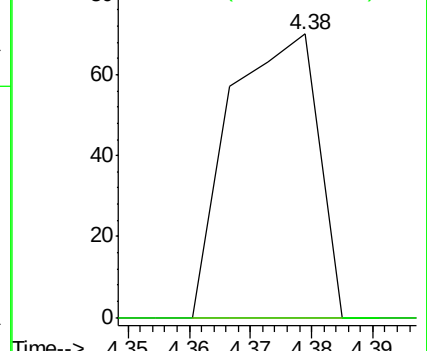
76 100

78 0.0 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#15

Methyl Acetate

Concen: 435.189 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW009777.D

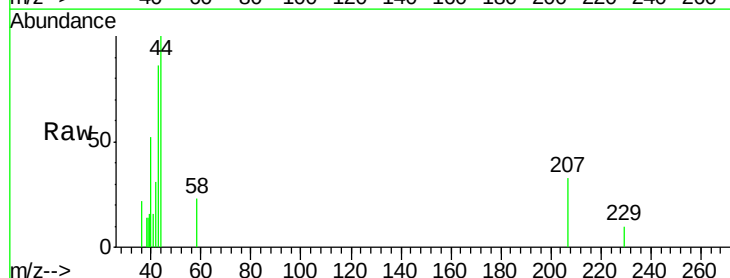
Acq: 06 Apr 2019 17:18

Tgt Ion: 43 Resp: 177

Ion Ratio Lower Upper

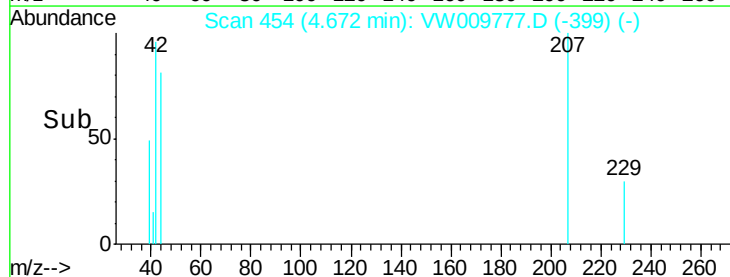
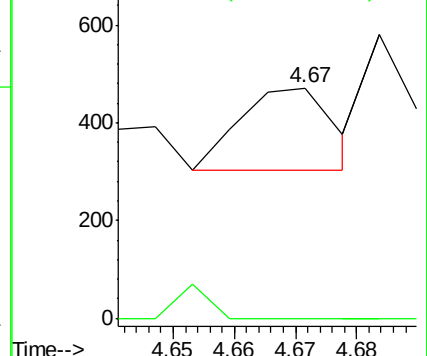
43 100

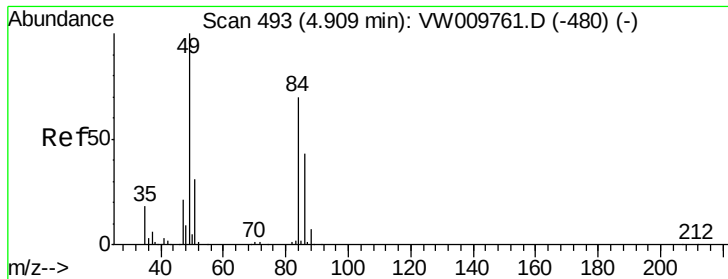
74 0.0 17.2 25.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

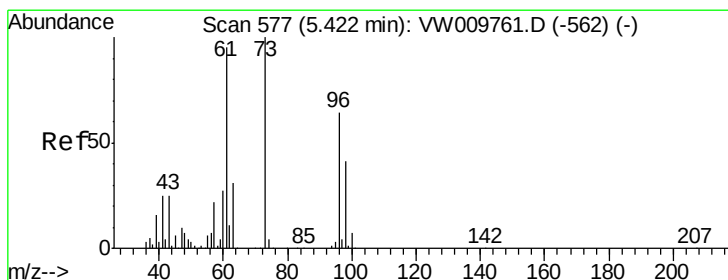
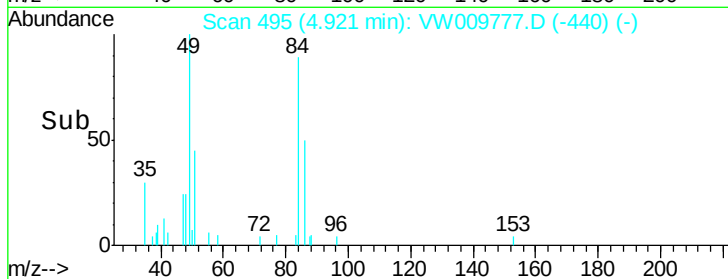
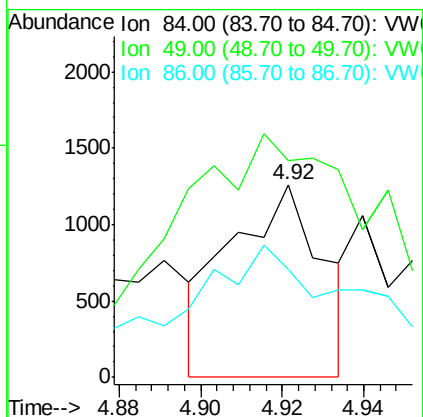
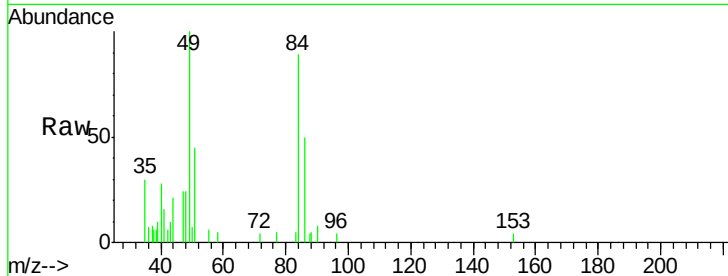




#16
Methylene chloride
Concen: 2302.771 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009777.D
Acq: 06 Apr 2019 17:18

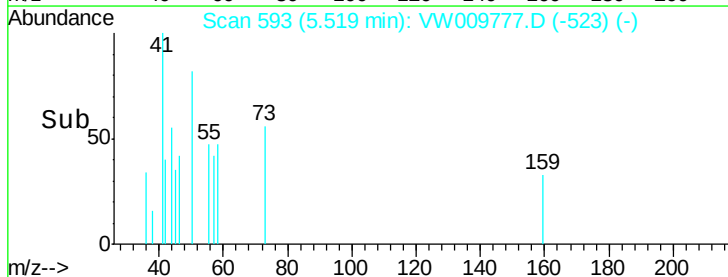
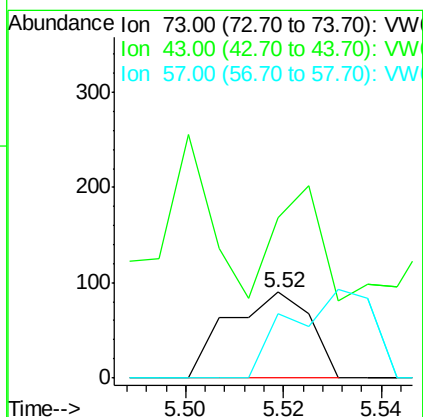
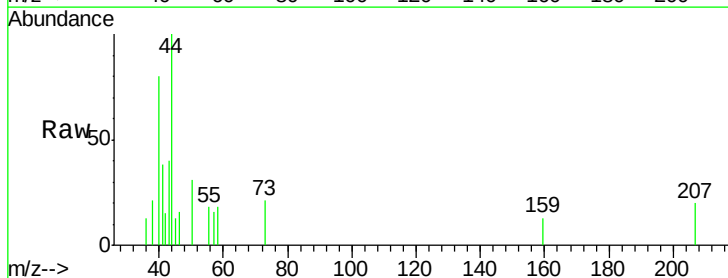
Instrument :
MSVOA_W
ClientSampled :
BF2R7

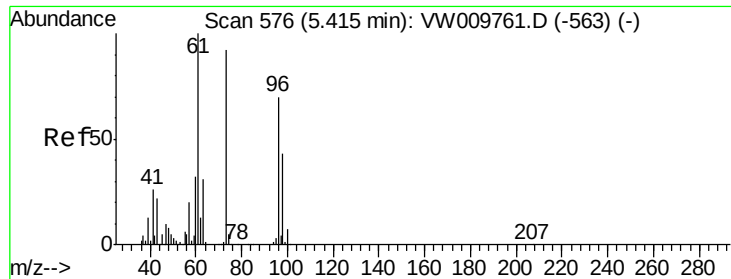
Tot Ion	84	Resp	1990
Ion	Ratio	Lower	Upper
84	100		
49	112.5	98.3	182.5
86	55.8	46.4	86.2



#17
Methyl tert-butyl Ether
Concen: 116.000 ug/L
RT: 5.52 min Scan# 593
Delta R.T. 0.10 min
Lab File: VW009777.D
Acq: 06 Apr 2019 17:18

Tgt Ion	73	Resp	104
Ion	Ratio	Lower	Upper
73	100		
43	96.2	20.2	30.2#
57	104.8	17.8	26.8#





#18

trans-1,2-Dichloroethene

Concen: 298.441 ug/L

RT: 5.40 min Scan# 574

Delta R.T. -0.01 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

BF2R7

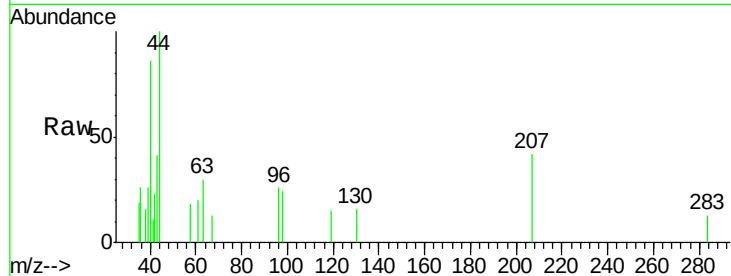
Tot Ion: 96 Resp: 202

Ion Ratio Lower Upper

96 100

61 77.7 103.7 192.5#

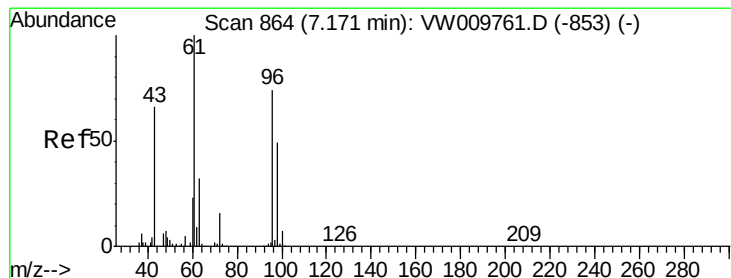
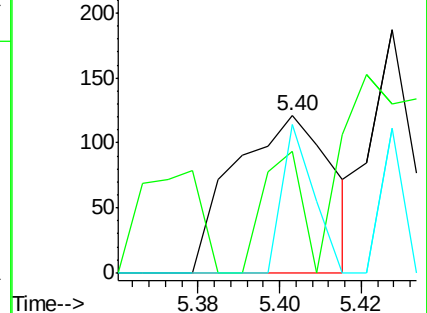
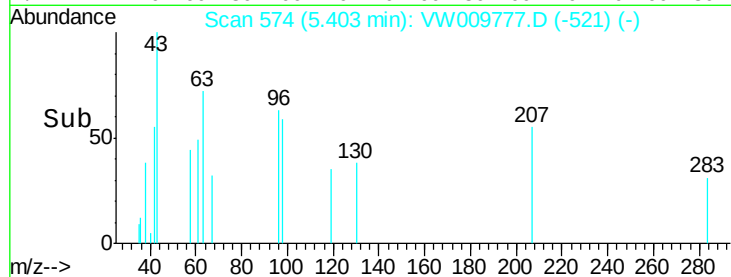
98 94.2 43.7 81.1#



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW



#21

2-Butanone

Concen: 771.955 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW009777.D

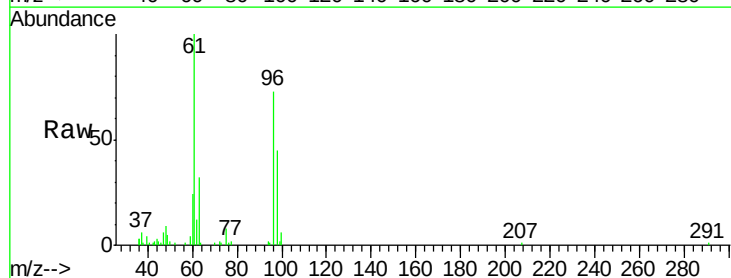
Acq: 06 Apr 2019 17:18

Tgt Ion: 43 Resp: 219

Ion Ratio Lower Upper

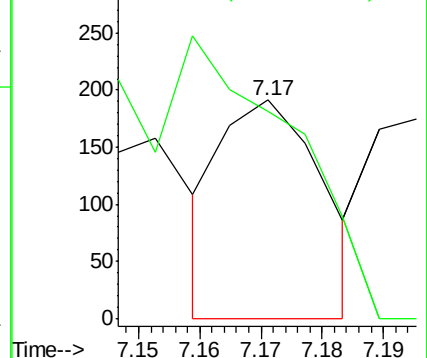
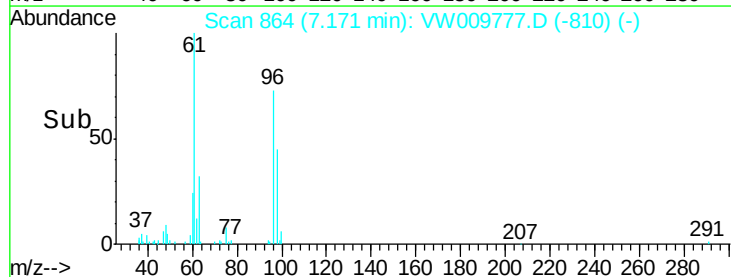
43 100

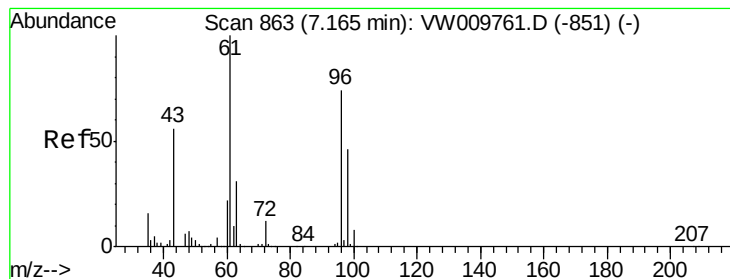
72 147.0 12.0 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



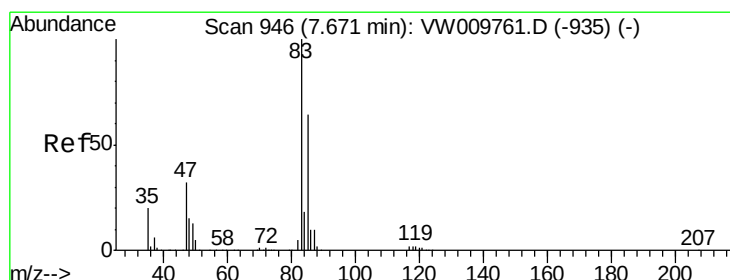
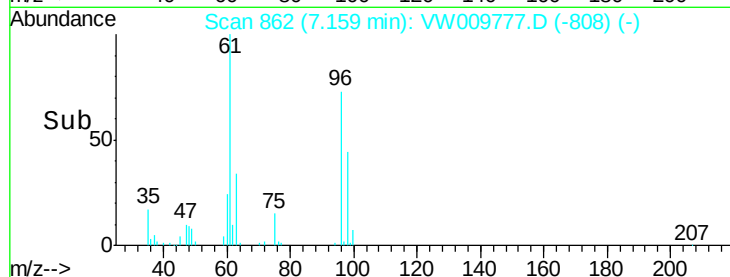
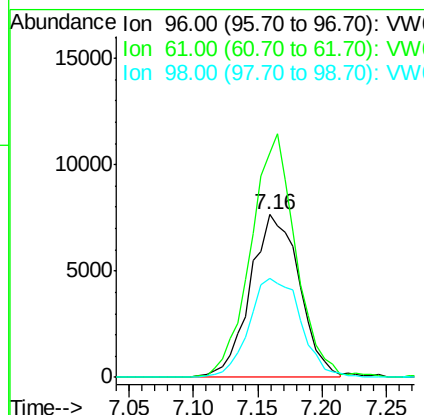
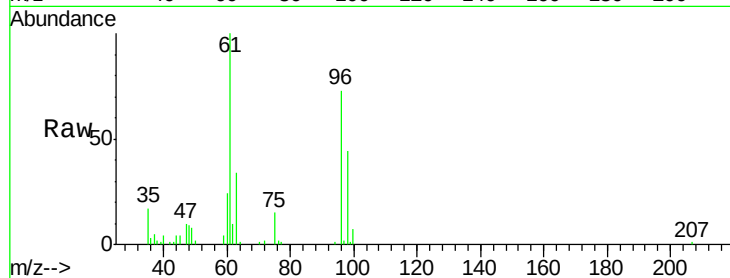


#22

cis-1,2-Dichloroethene
 Concen: 27996.867 ug/L
 RT: 7.16 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

Instrument :
 MSVOA_W
 ClientSampled :
 BF2R7

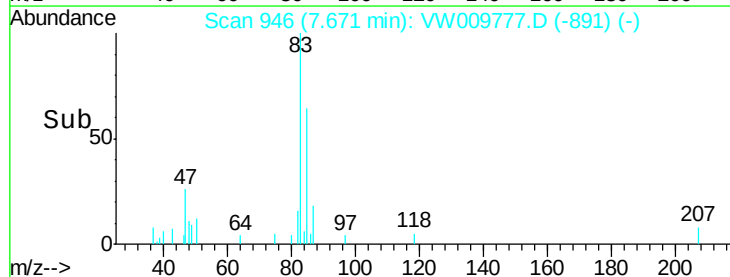
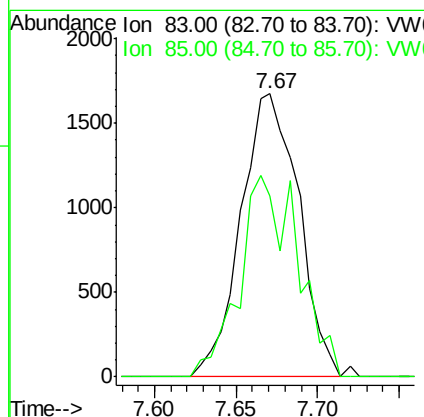
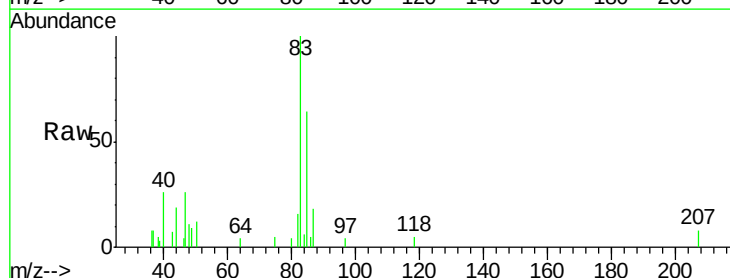
Tot Ion	96	Resp	20267
Ion	Ratio	Lower	Upper
96	100		
61	137.6	96.8	179.8
98	60.5	43.5	80.9

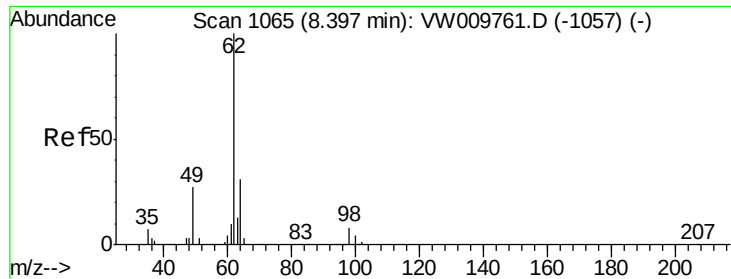


#25

Chloroform
 Concen: 3029.586 ug/L
 RT: 7.67 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

Tgt Ion	83	Resp	4122
Ion	Ratio	Lower	Upper
83	100		
85	48.2	45.6	84.8

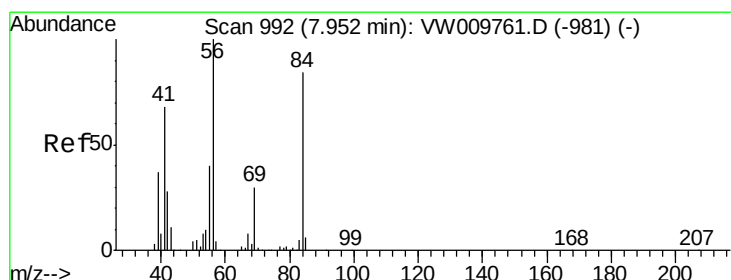
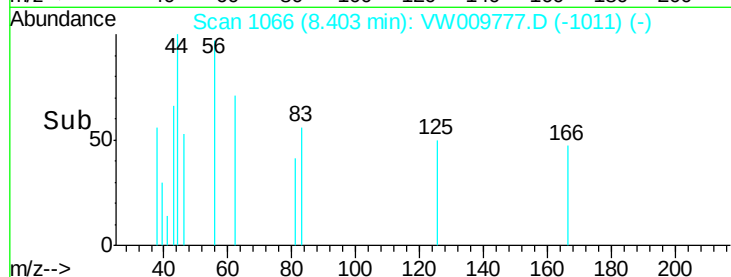
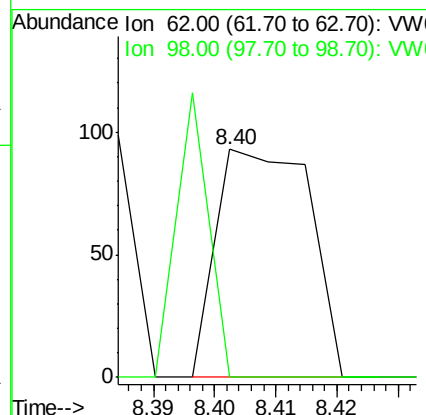
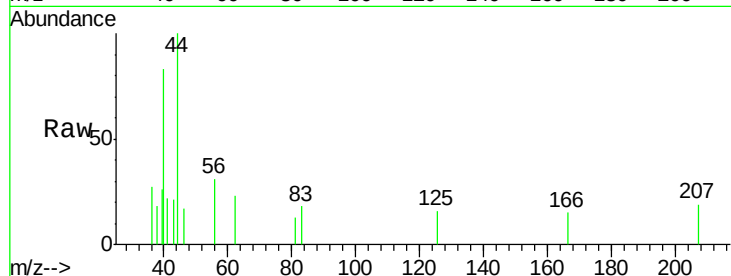




#27
 1,2-Dichloroethane
 Concen: 95.232 ug/L
 RT: 8.40 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

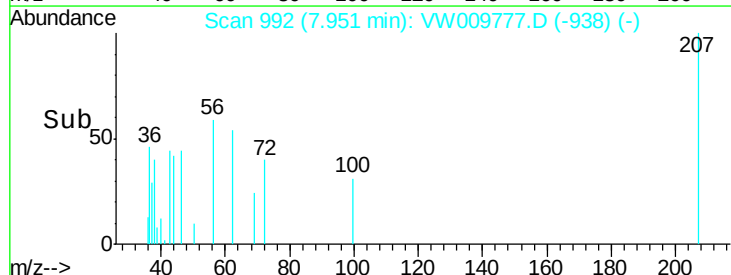
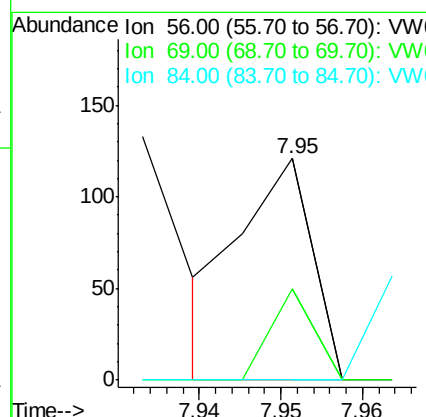
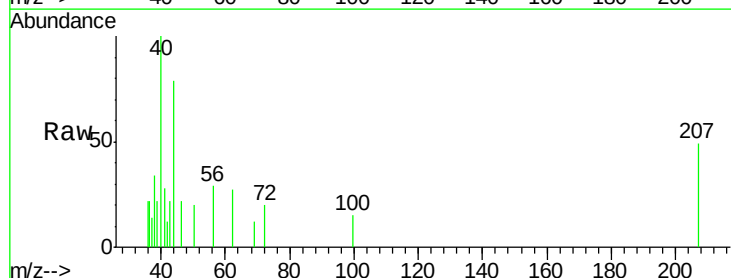
Instrument :
 MSVOA_W
 ClientSampleId :
 BF2R7

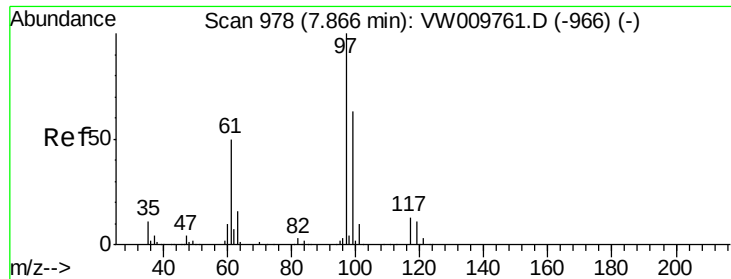
Tot Ion: 62 Resp: 98
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.4#



#30
 Cyclohexane
 Concen: 4.260 ug/L
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

Tgt Ion: 56 Resp: 73
 Ion Ratio Lower Upper
 56 100
 69 0.0 23.4 35.2#
 84 0.0 67.7 101.5#





#31

1,1,1-Trichloroethane

Concen: 2.672 ug/L

RT: 7.96 min Scan# 994

Delta R.T. 0.10 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampled :

BF2R7

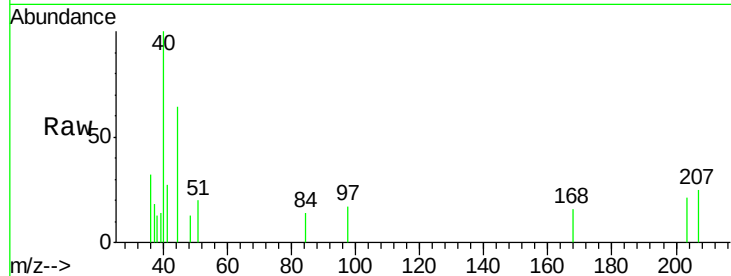
Tot Ion: 97 Resp: 44

Ion Ratio Lower Upper

97 100

99 186.4 50.8 76.2#

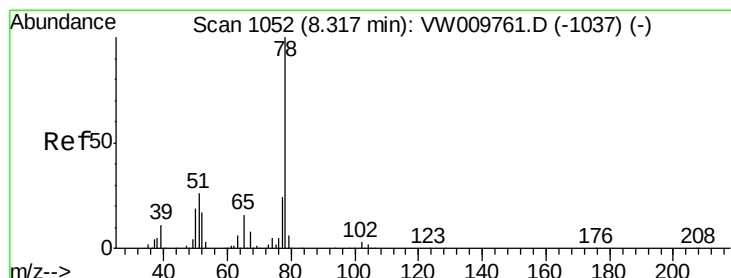
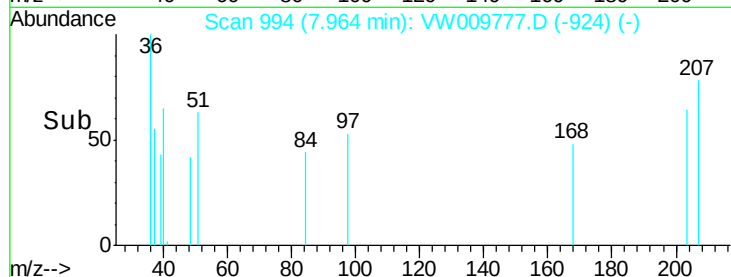
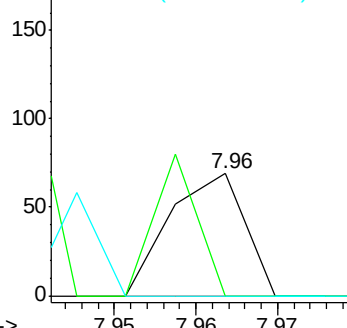
61 0.0 38.6 57.8#



Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 99.00 (98.70 to 99.70): VW

Ion 61.00 (60.70 to 61.70): VW



#34

Benzene

Concen: 1.763 ug/L

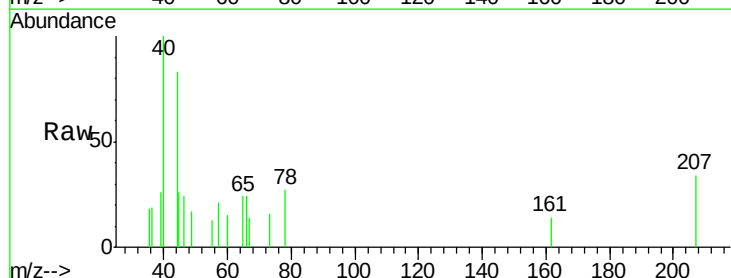
RT: 8.32 min Scan# 1052

Delta R.T. 0.00 min

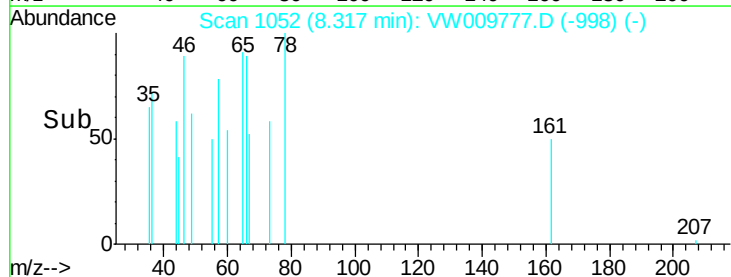
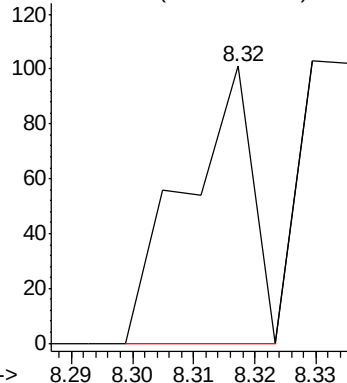
Lab File: VW009777.D

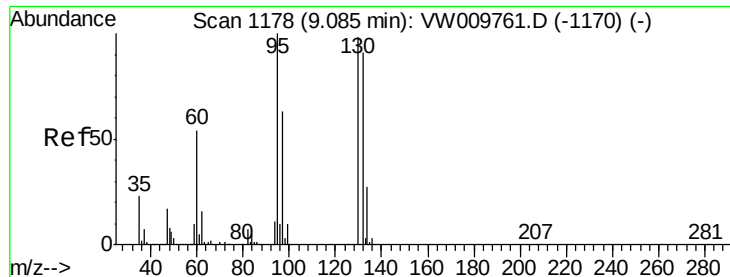
Acq: 06 Apr 2019 17:18

Tgt Ion: 78 Resp: 77



Abundance Ion 78.00 (77.70 to 78.70): VW

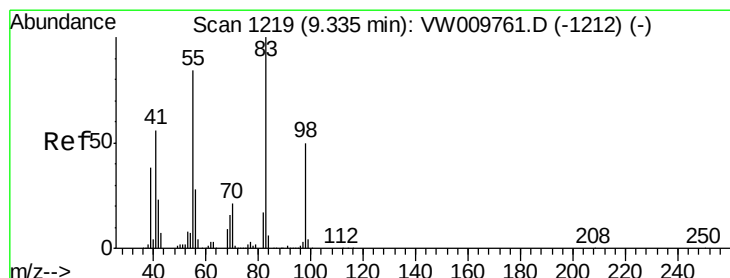
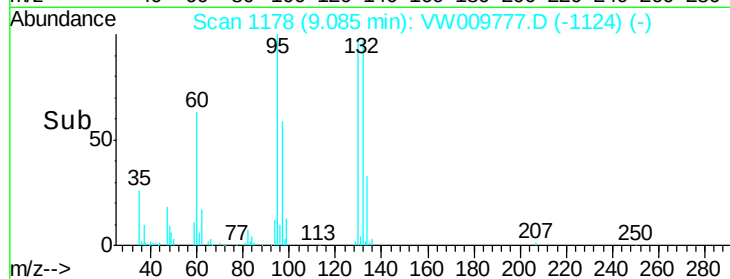
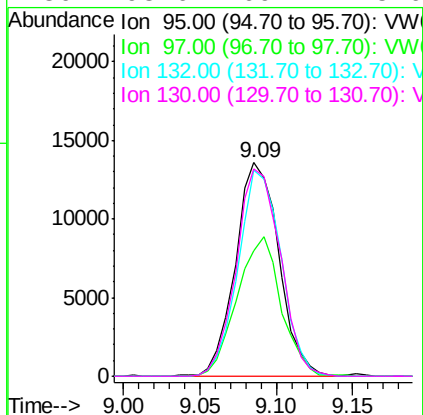
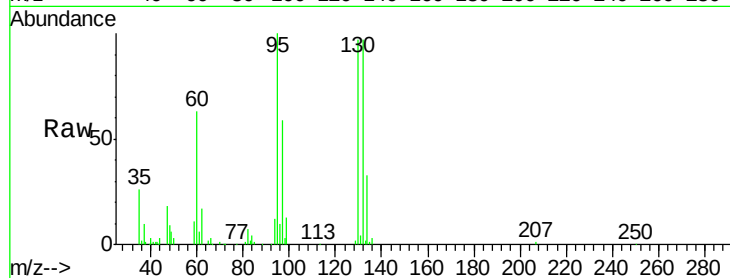




#35
 Trichloroethene
 Concen: 2347.173 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

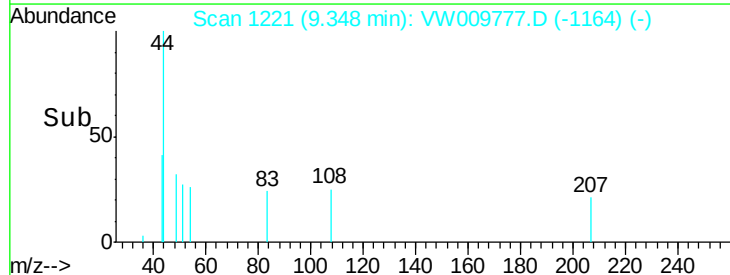
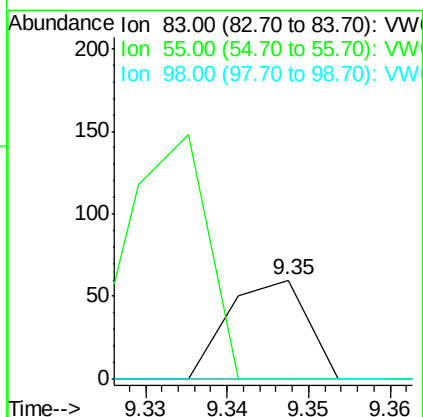
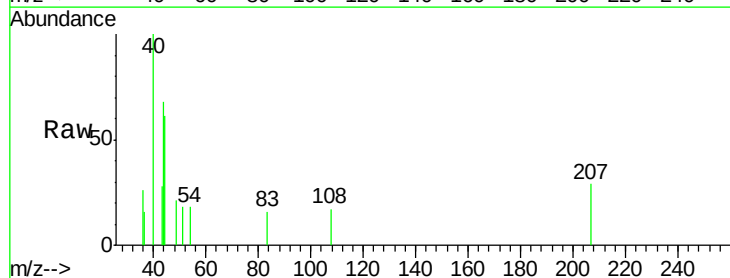
Instrument :
 MSVOA_W
 ClientSampled :
 BF2R7

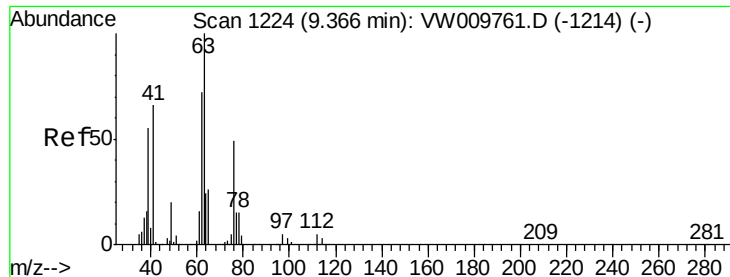
Tot Ion	95.00	Resp	26831
Ion	Ratio	Lower	Upper
95	100		
97	65.9	44.9	83.5
132	95.4	67.1	124.7
130	98.6	69.2	128.6



#36
 Methylcyclohexane
 Concen: 2.128 ug/L
 RT: 9.35 min Scan# 1221
 Delta R.T. 0.02 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

Tgt Ion	83	Resp	40
Ion	Ratio	Lower	Upper
83	100		
55	242.5	66.3	99.5#
98	0.0	39.4	59.0#





#40

1,2-Dichloropropane

Concen: 3.846 ug/L

RT: 9.25 min Scan# 1205

Delta R.T. -0.12 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampled :

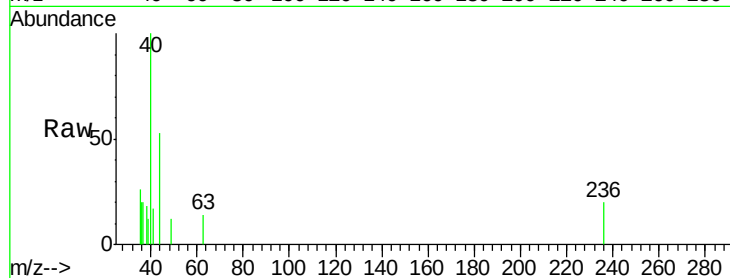
BF2R7

Tot Ion: 63 Resp: 43

Ion Ratio Lower Upper

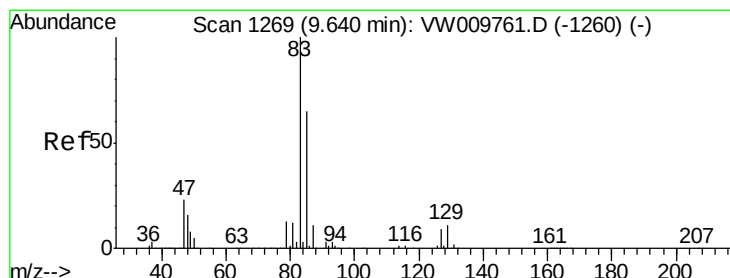
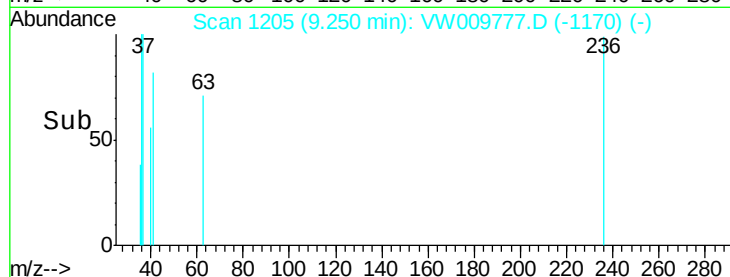
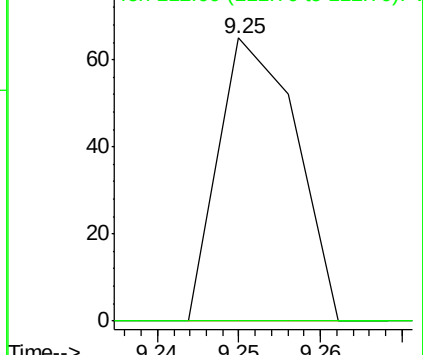
63 100

112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#41

Bromodichloromethane

Concen: 2.593 ug/L

RT: 9.35 min Scan# 1221

Delta R.T. -0.29 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

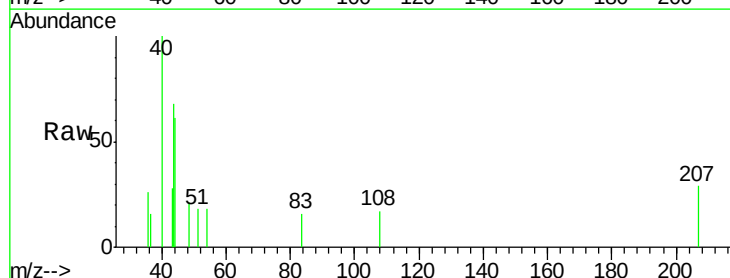
Tgt Ion: 83 Resp: 40

Ion Ratio Lower Upper

83 100

85 0.0 45.0 83.6#

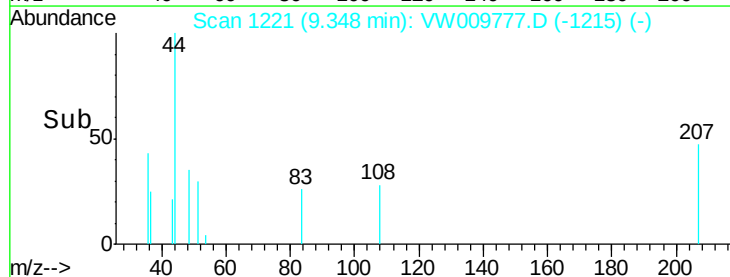
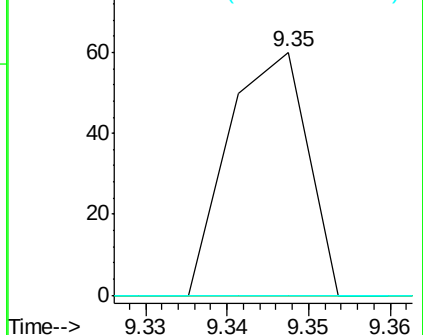
127 0.0 6.7 10.1#

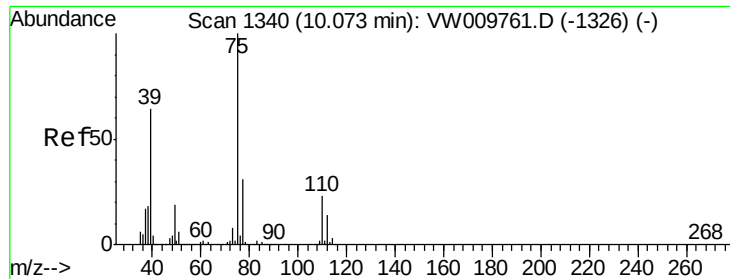


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V





#42

cis-1,3-Dichloropropene

Concen: 3.002 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

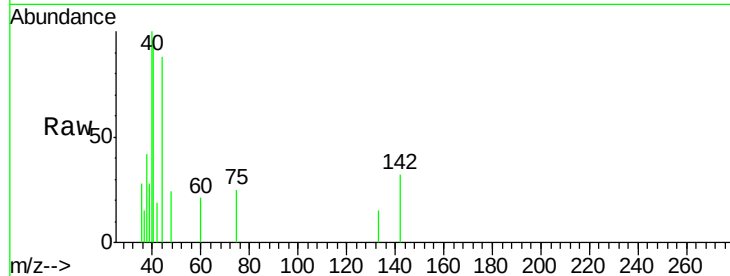
BF2R7

Tot Ion: 75 Resp: 52

Ion Ratio Lower Upper

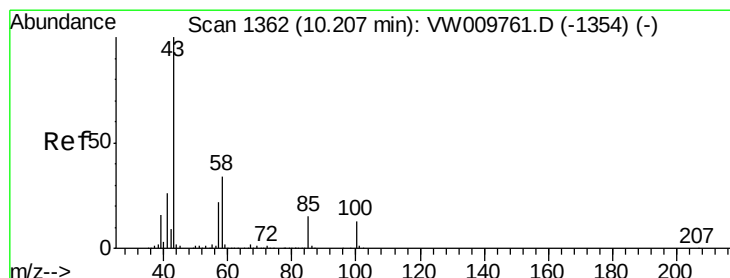
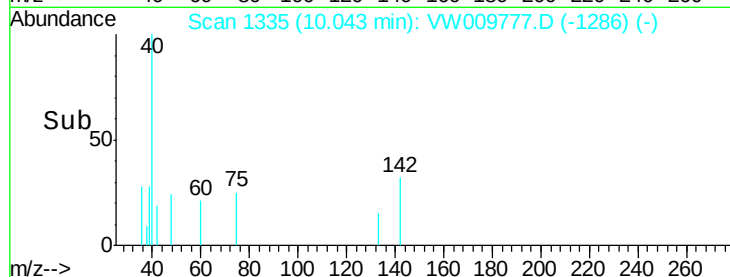
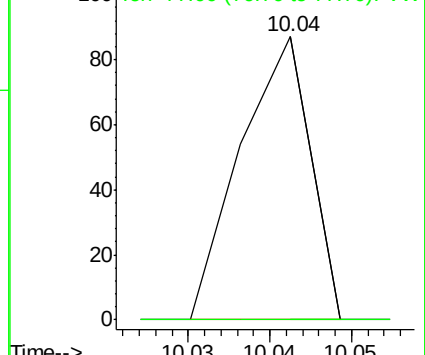
75 100

77 0.0 21.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#43

4-Methyl-2-pentanone

Concen: 19.573 ug/L

RT: 10.19 min Scan# 1360

Delta R.T. -0.01 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

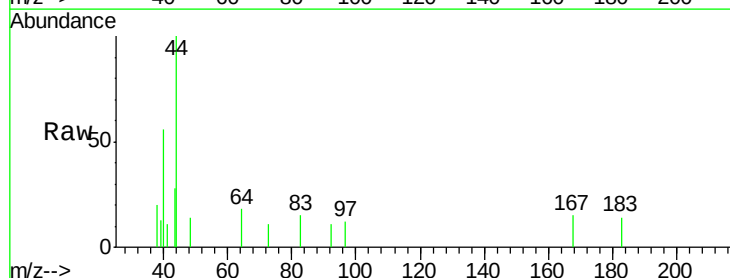
Tgt Ion: 43 Resp: 170

Ion Ratio Lower Upper

43 100

58 0.0 28.2 42.4#

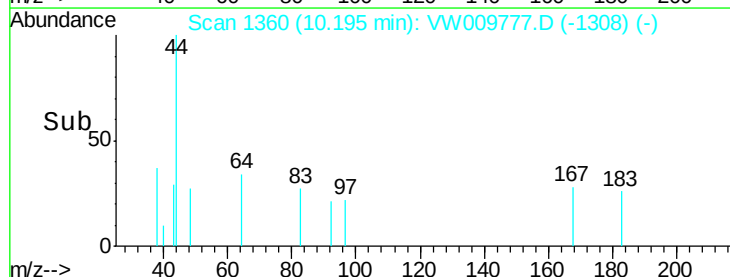
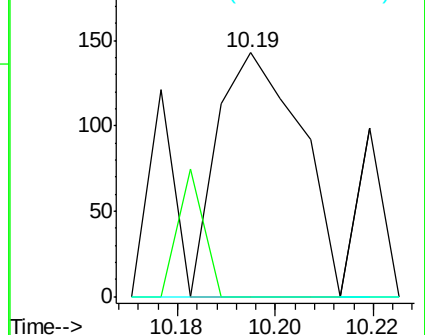
100 0.0 10.9 16.3#

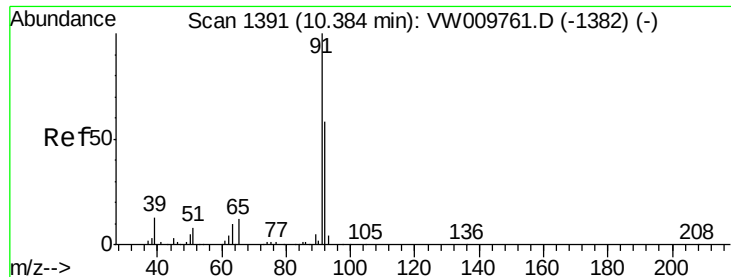


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW





#44

Toluene

Concen: 43.417 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

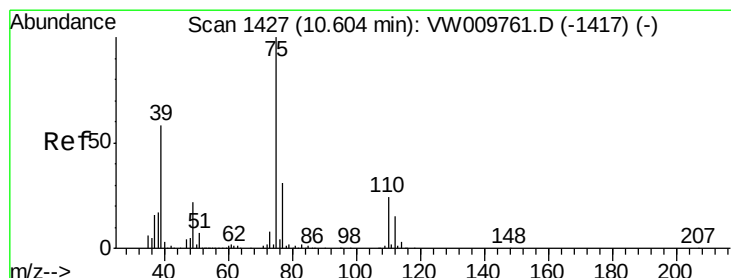
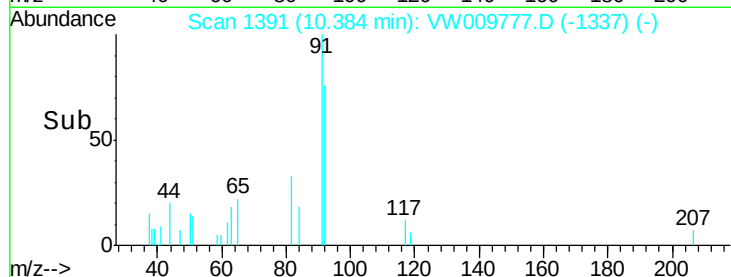
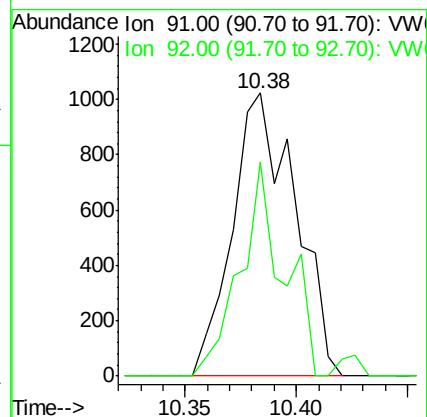
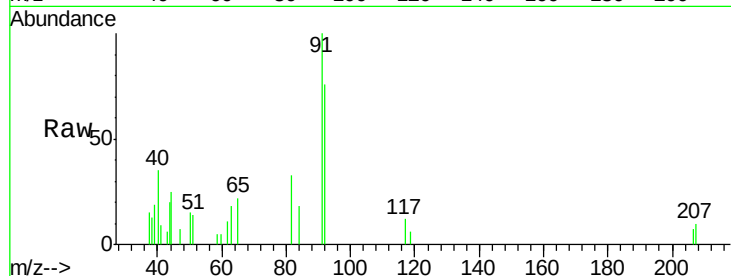
BF2R7

Tot Ion: 91 Resp: 2009

Ion Ratio Lower Upper

91 100

92 75.8 40.5 75.1#



#45

trans-1,3-Dichloropropene

Concen: 3.817 ug/L

RT: 10.48 min Scan# 1407

Delta R.T. -0.12 min

Lab File: VW009777.D

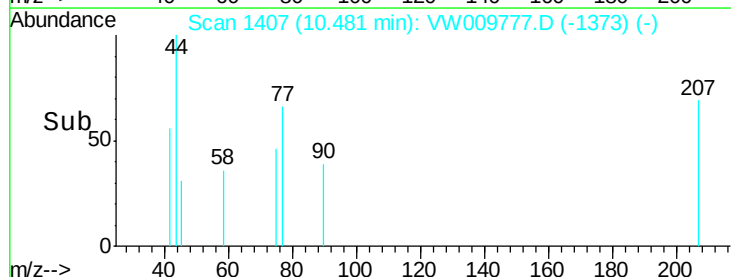
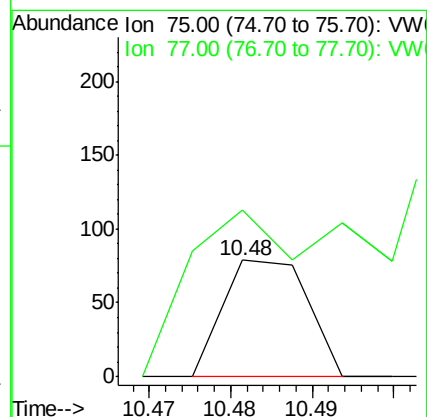
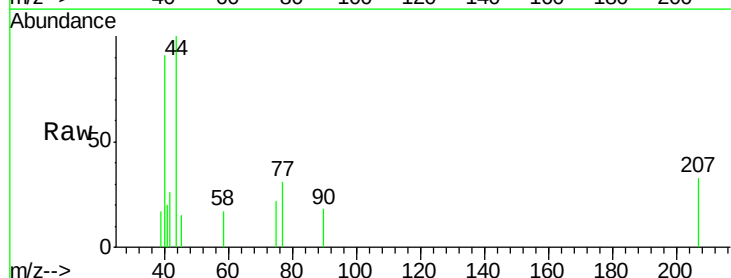
Acq: 06 Apr 2019 17:18

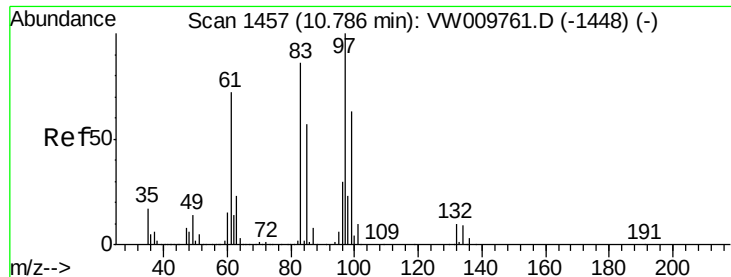
Tgt Ion: 75 Resp: 57

Ion Ratio Lower Upper

75 100

77 143.0 21.1 39.3#

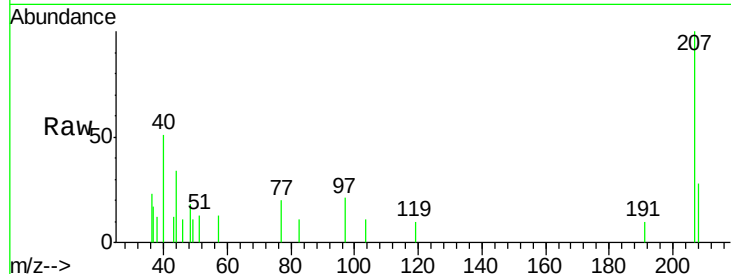




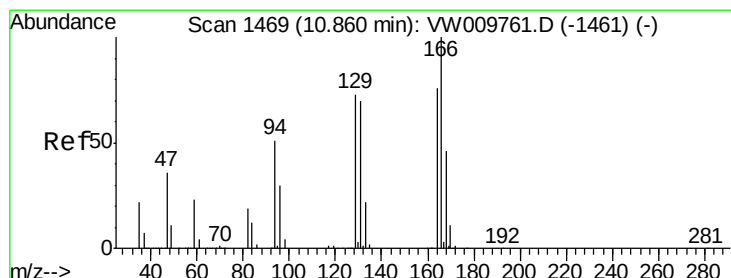
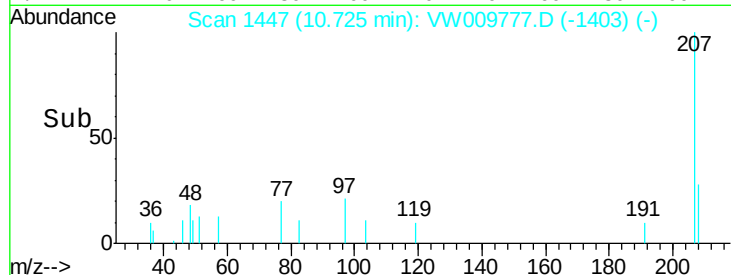
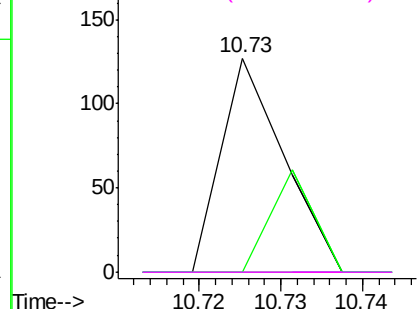
#46
1,1,2-Trichloroethane
Concen: 8.102 ug/L
RT: 10.73 min Scan# 1447
Delta R.T. -0.06 min
Lab File: VW009777.D
Acq: 06 Apr 2019 17:18

Instrument :
MSVOA_W
ClientSampleId :
BF2R7

Tot Ion: 97 Resp: 68
Ion Ratio Lower Upper
97 100
83 0.0 57.3 106.3#
85 0.0 38.1 70.7#
99 0.0 40.9 75.9#

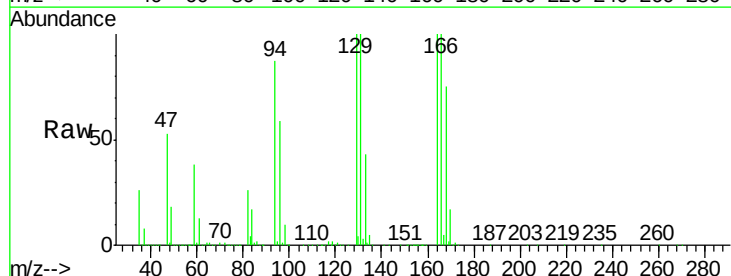


Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 83.00 (82.70 to 83.70): VW
Ion 85.00 (84.70 to 85.70): VW
Ion 99.00 (98.70 to 99.70): VW

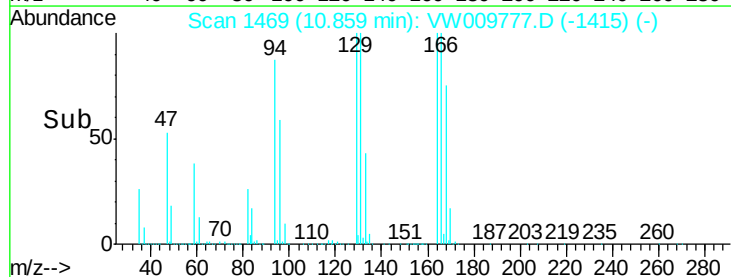
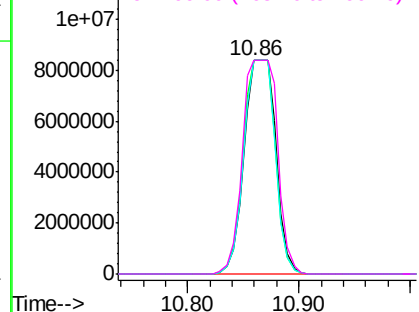


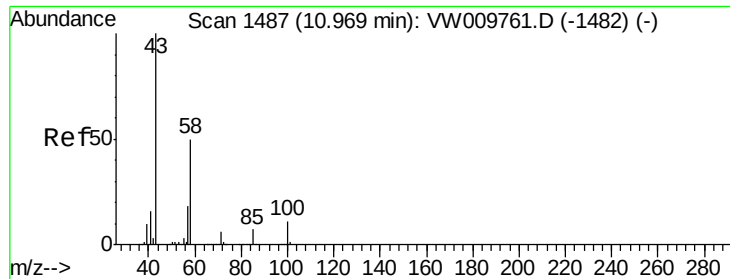
#47
Tetrachloroethene
Concen: 1836586.512 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009777.D
Acq: 06 Apr 2019 17:18

Tgt Ion: 164 Resp: 16535017
Ion Ratio Lower Upper
164 100
129 100.0 68.9 127.9
131 100.0 63.1 117.1
166 100.0 88.5 164.4



Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V





#49

2-Hexanone

Concen: 24.895 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampled :

BF2R7

Tot Ion: 43 Resp: 161

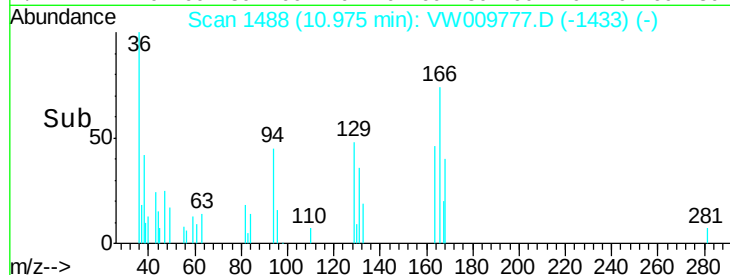
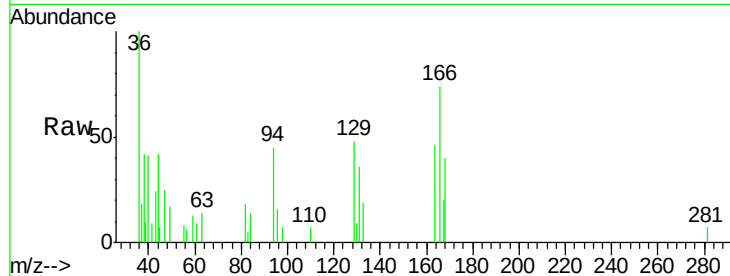
Ion Ratio Lower Upper

43 100

58 46.0 38.9 58.3

57 0.0 13.8 20.6#

100 0.0 8.6 13.0#

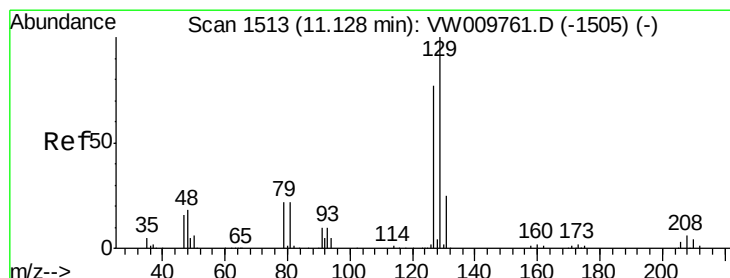
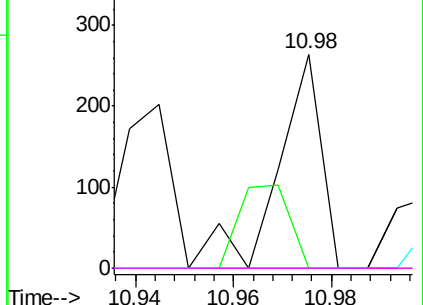


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#50

Dibromochloromethane

Concen: 35.981 ug/L

RT: 11.12 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VW009777.D

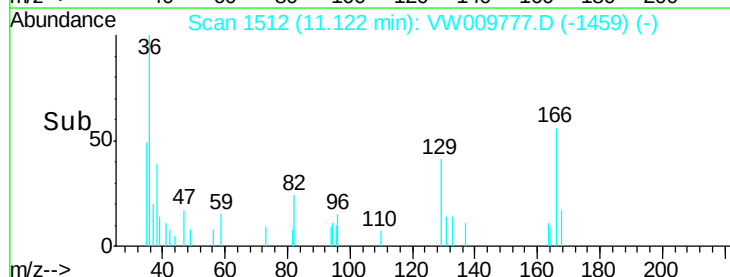
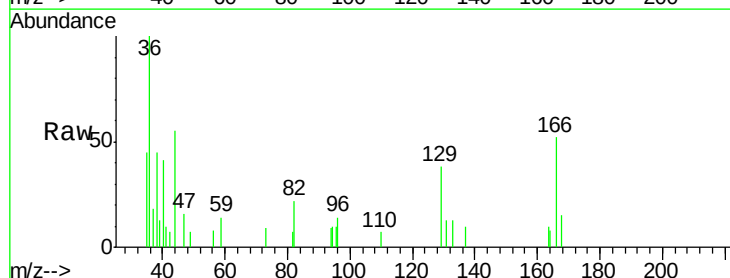
Acq: 06 Apr 2019 17:18

Tgt Ion: 129 Resp: 371

Ion Ratio Lower Upper

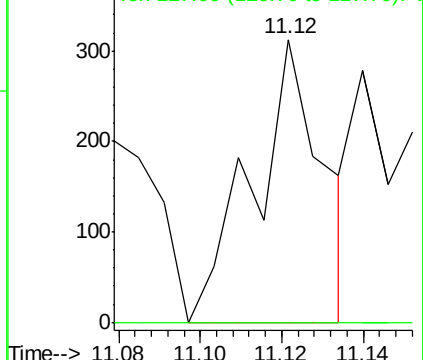
129 100

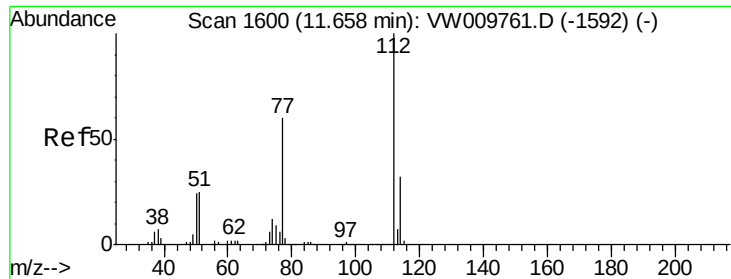
127 0.0 53.0 98.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

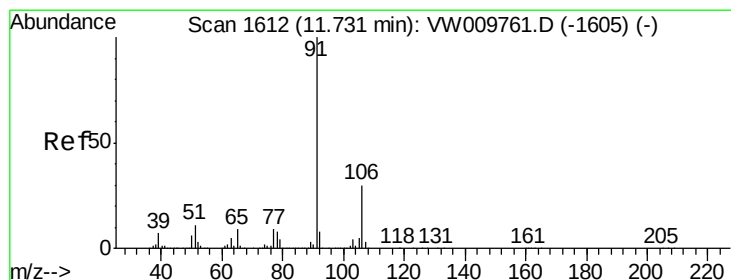
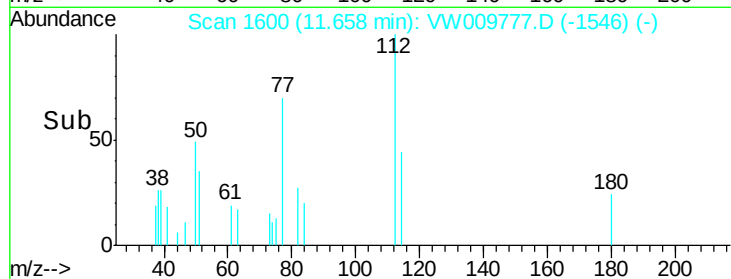
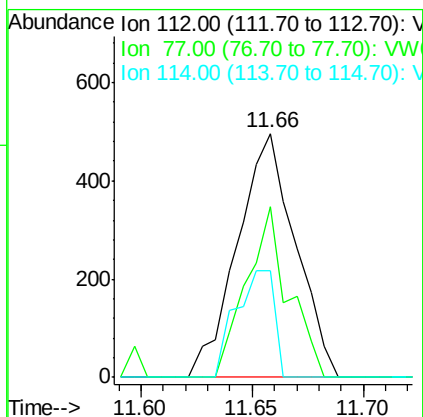
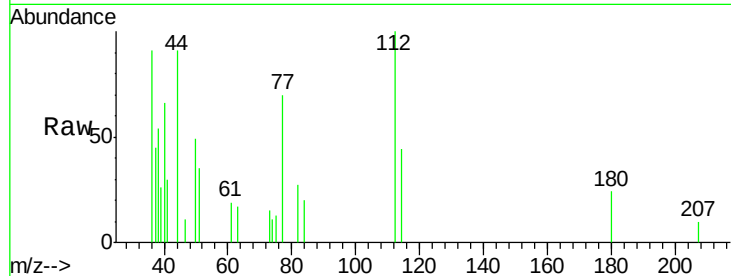




#52
Chlorobenzene
Concen: 30.150 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW009777.D
Acq: 06 Apr 2019 17:18

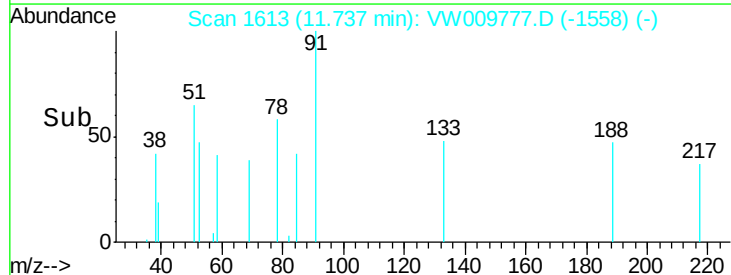
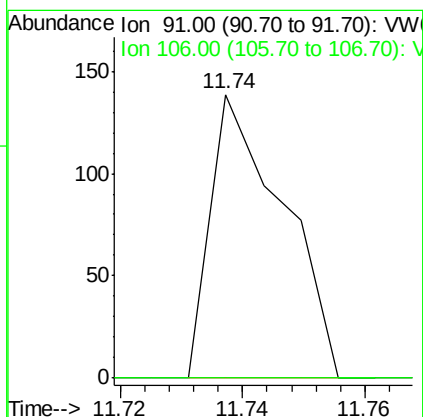
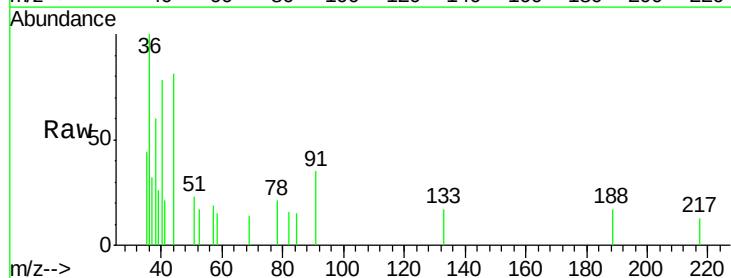
Instrument :
MSVOA_W
ClientSampleId :
BF2R7

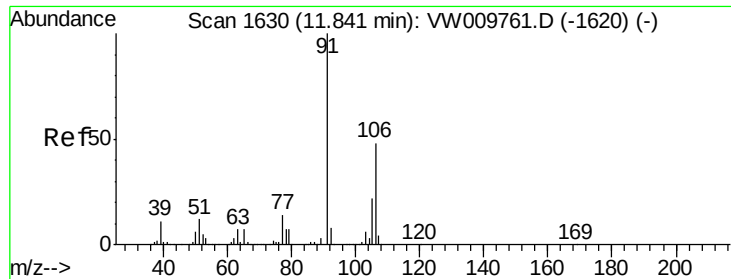
Tot Ion:112 Resp: 898
Ion Ratio Lower Upper
112 100
77 70.0 48.2 72.2
114 44.0 23.0 42.6#



#53
Ethylbenzene
Concen: 2.144 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW009777.D
Acq: 06 Apr 2019 17:18

Tgt Ion: 91 Resp: 113
Ion Ratio Lower Upper
91 100
106 0.0 21.5 39.9#





#54

m,p-Xylene

Concen: 3.693 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampled :

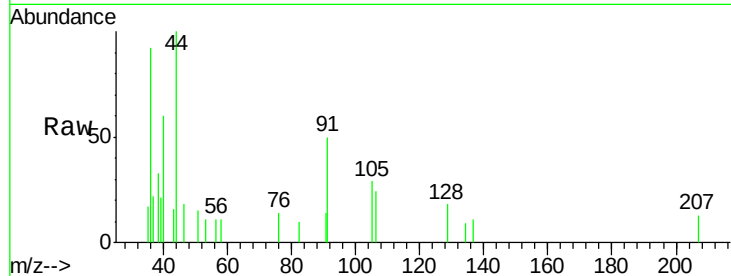
BF2R7

Tot Ion:106 Resp: 72

Ion Ratio Lower Upper

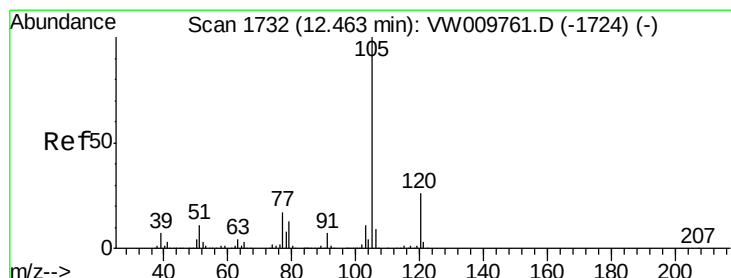
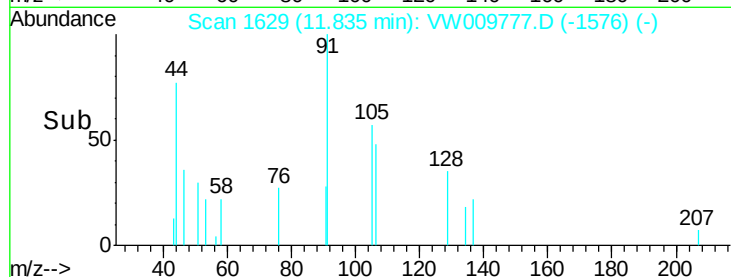
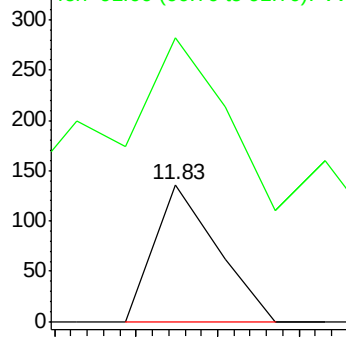
106 100

91 207.4 145.3 269.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#57

Isopropylbenzene

Concen: 0.865 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.30 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

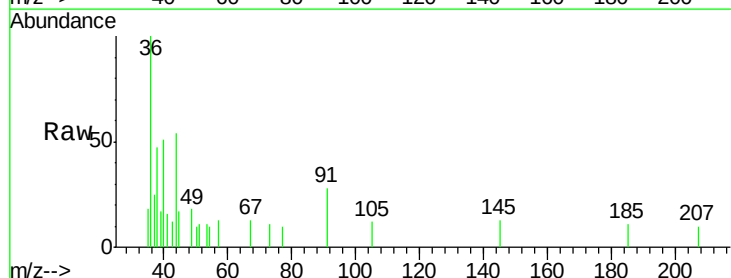
Tgt Ion:105 Resp: 44

Ion Ratio Lower Upper

105 100

120 0.0 21.0 31.4#

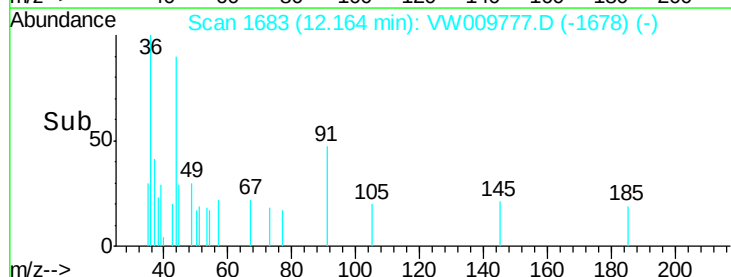
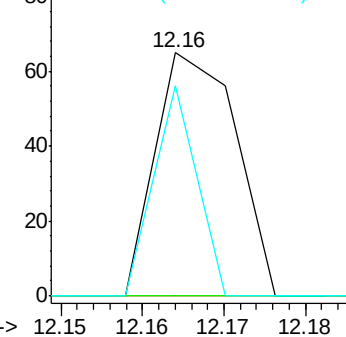
77 0.0 13.4 20.2#

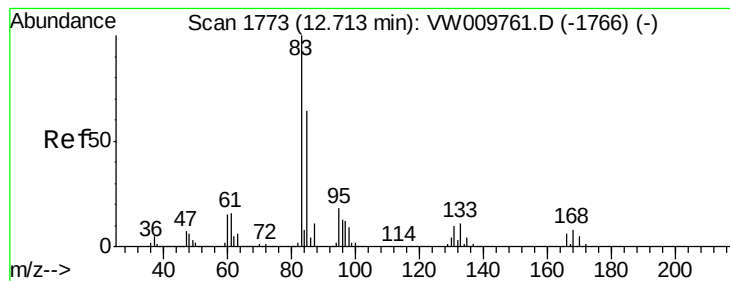


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VW





#58

1,1,2,2-Tetrachloroethane

Concen: 4.608 ug/L

RT: 12.48 min Scan# 1735

Delta R.T. -0.23 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

BF2R7

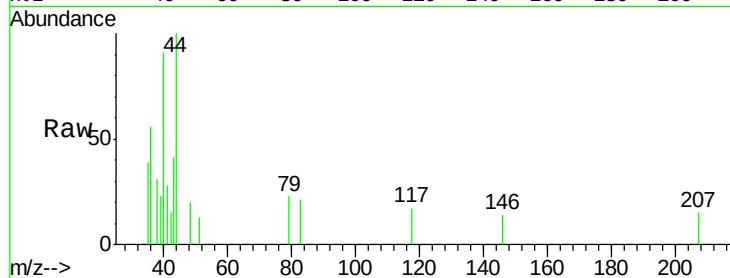
Tot Ion: 83 Resp: 52

Ion Ratio Lower Upper

83 100

85 0.0 44.9 83.3#

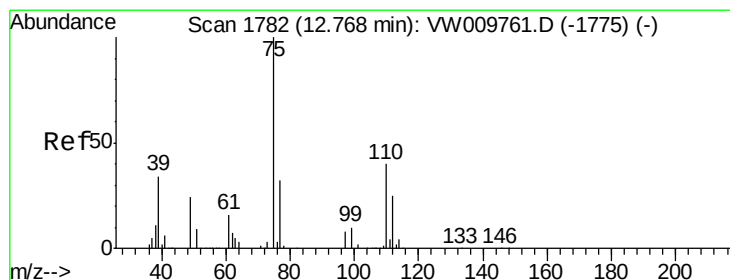
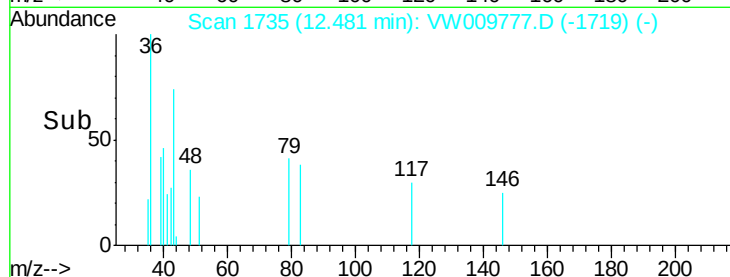
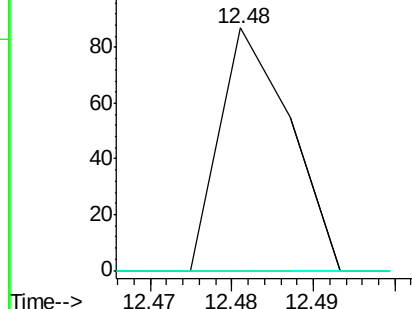
131 0.0 7.2 10.8#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V



#59

1,2,3-Trichloropropane

Concen: 8.809 ug/L

RT: 12.75 min Scan# 1779

Delta R.T. -0.02 min

Lab File: VW009777.D

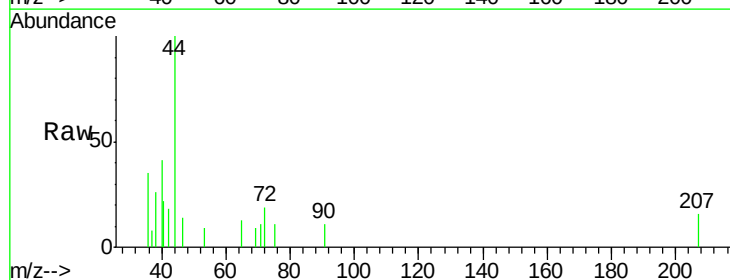
Acq: 06 Apr 2019 17:18

Tgt Ion: 75 Resp: 74

Ion Ratio Lower Upper

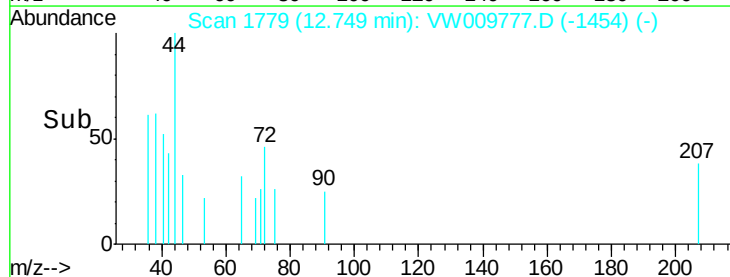
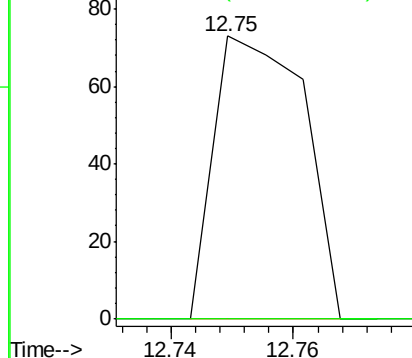
75 100

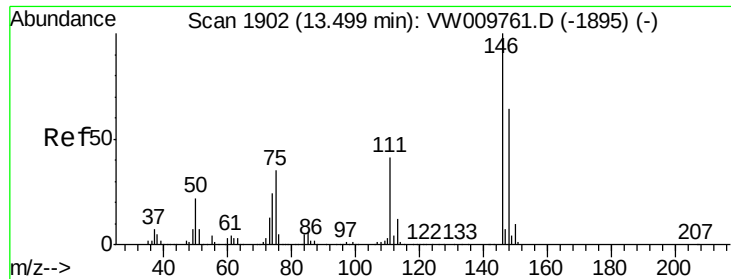
77 101.4 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

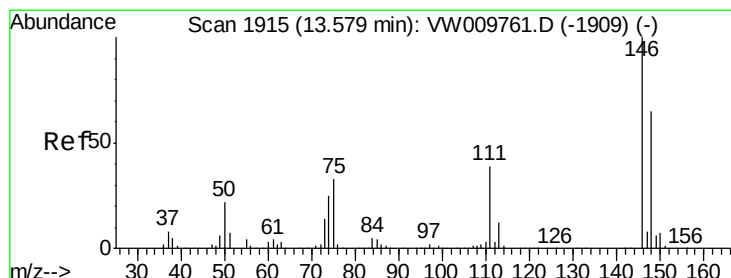
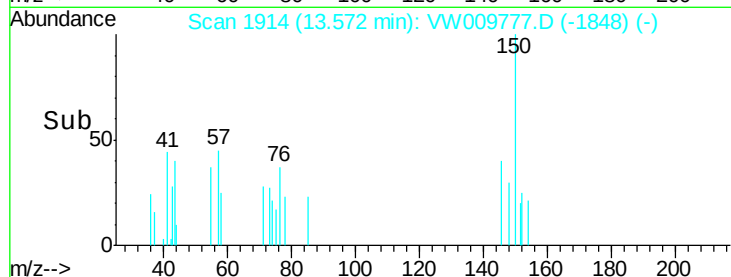
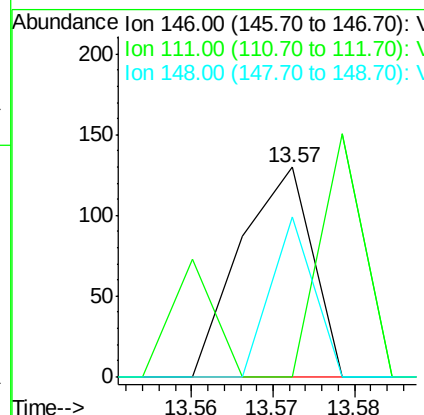
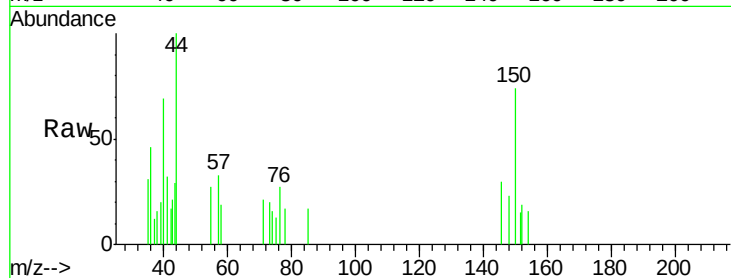




#63
 1,3-Dichlorobenzene
 Concen: 2.650 ug/L
 RT: 13.57 min Scan# 1914
 Delta R.T. 0.07 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

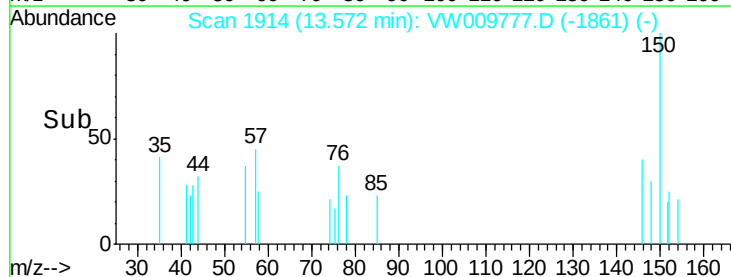
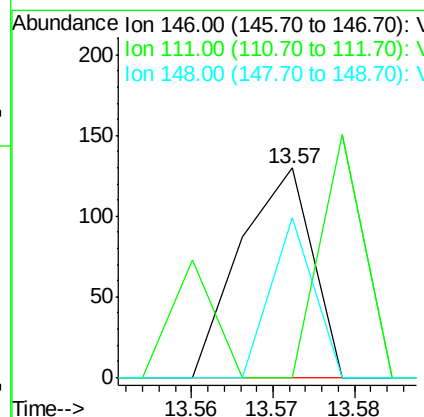
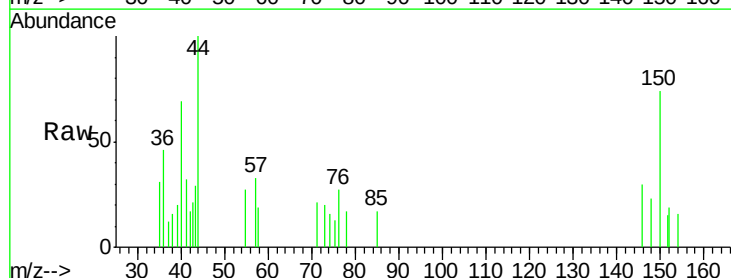
Instrument :
 MSVOA_W
 ClientSampled :
 BF2R7

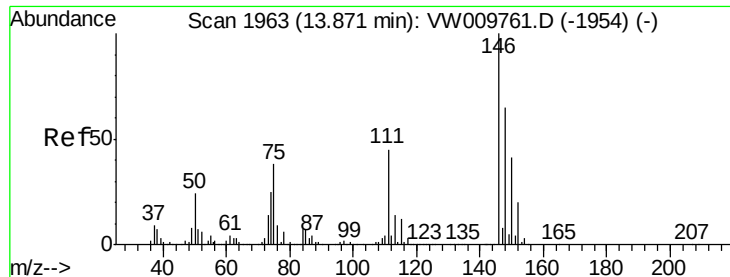
Tot Ion:146 Resp: 79
 Ion Ratio Lower Upper
 146 100
 111 0.0 28.1 52.3#
 148 76.2 44.3 82.3



#64
 1,4-Dichlorobenzene
 Concen: 2.485 ug/L
 RT: 13.57 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

Tgt Ion:146 Resp: 79
 Ion Ratio Lower Upper
 146 100
 111 0.0 27.4 50.8#
 148 76.2 43.8 81.3

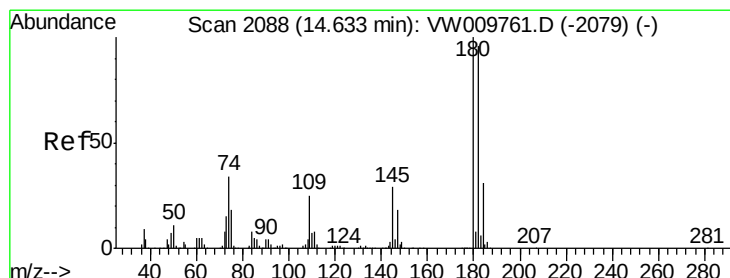
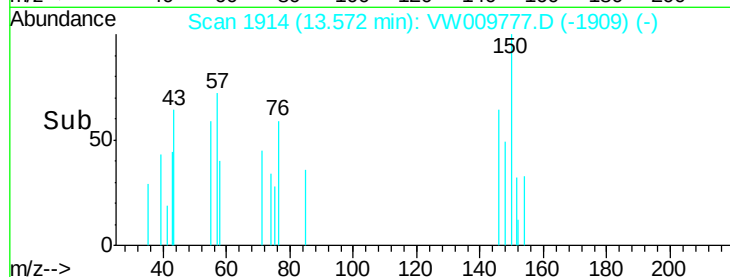
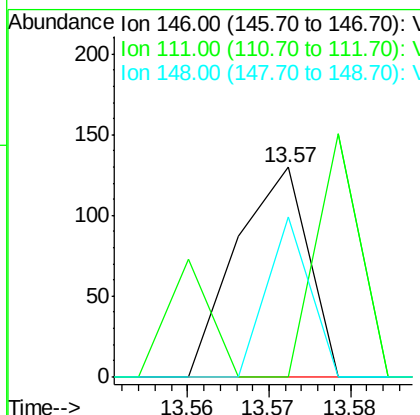
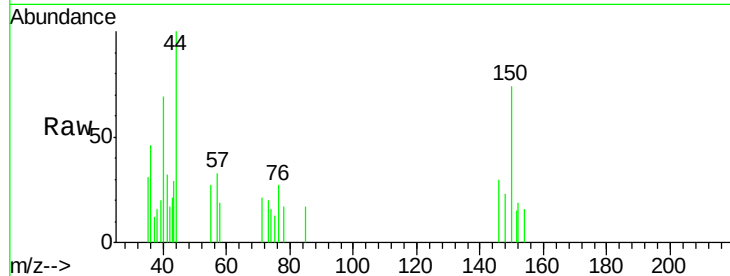




#65
 1,2-Dichlorobenzene
 Concen: 2.769 ug/L
 RT: 13.57 min Scan# 1914
 Delta R.T. -0.30 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

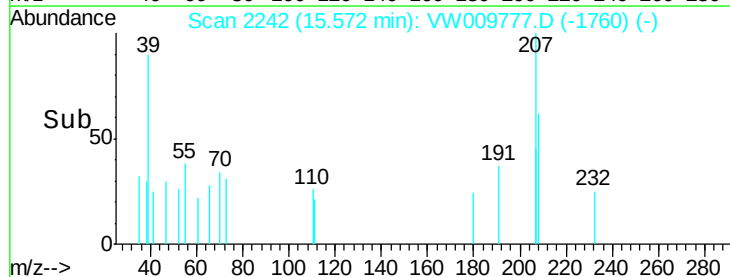
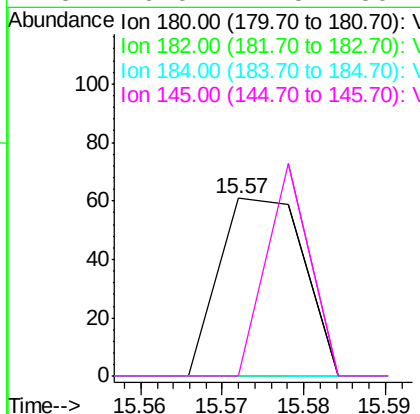
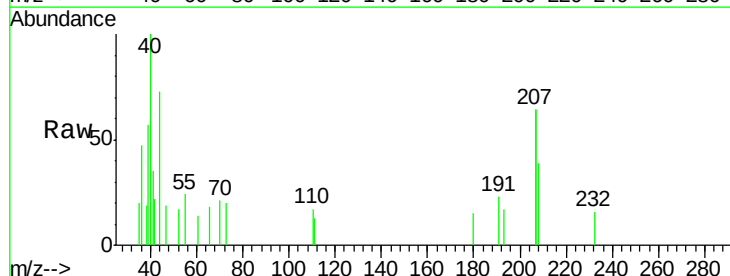
Instrument :
 MSVOA_W
 ClientSampled :
 BF2R7

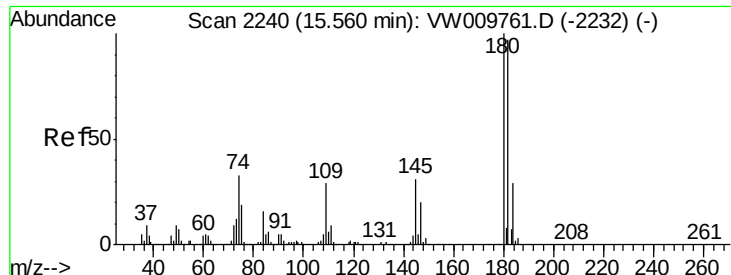
Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	32.4	48.6#
148	76.2	50.5	75.7#



#67
 1,3,5-Trichlorobenzene
 Concen: 1.989 ug/L
 RT: 15.57 min Scan# 2242
 Delta R.T. 0.94 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	75.8	113.6#
184	0.0	24.7	37.1#
145	0.0	24.5	36.7#





#70
 1,2,3-Trichlorobenzene
 Concen: 2.647 ug/L
 RT: 15.57 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2R7

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	75.0	112.4#
145	0.0	25.8	38.6#

